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RAILWAY

FORMING A COMPLETE RECORD OF THE PROCEEDINGS OF ALL PUBLIC COMPANIES.

No. 1465.—Vol. XXXIII.

LONDON, SATURDAY, SEPTEMBER 19, 1863.

STAMPED.....SIXPENCE.

MR. JAMES CROFTS, SHAREBROKER,
Mr. CROFTS transacts business, in the way of PURCHASE or SALE, in every descripion of stocks, but particularly in BRITISH MINES, in no case departing from the polition of a broker, at net prices. All orders meet with the utmost punctuality and
seal, and advice given as to the nature and eligibility of INVESTMENTS, when required,
EXCHANGES OF STOCK effected on the most advantageous basis, subject only to one
compulsation.

EXCHANGES OF STOCK enected on the most advantageous obsis, adulect only obseromission.

Mr. CROFTS directs special attention to the shares in the Twelve Aposties Amalgamated Mines, to pay 15 per cent. yearly in dividends, and raising 100 to 130 tons of lead ore monthly; also to Pant-y-Pydew, Minera Union, Ceft Clicen, Pentre Lygan, and Cantrai Miners, all prizes, or about to become so.

A supplementary report has reached the writer, correcting, in the first place, an error in his last notice in the Journal of the Twelve Aposties Amalgamated Mines, respecting the rate of dividends per annum to be paid by these mines, being 15 per cent. average, instead of 5 per cent., as published in last week's Journal; and next, detailing improvements and prospects of an astounding character, showing these shares equally suited to investors for income, and to speculators for immediate profits. It is important, also, to add that the rich lodes and bunches of these mines, so strongly developing themselves, are represented as running into Central Minera Mine. The report is dated Shrewsbury, September 14.

are represented as running into Central Minera Mine. The report is dated Shrewsbury, September 19.

"WHEXHAM, SEPT. 11.—Minera Union shares are again up, and I am no seller at the prices quoted in my last. The 80 fm. level is improving fast, and a great course of ore, proved in the sump a few yards ahead, is expected every change of men, when I have no doubt the shares will be 20t. This discovery must of necessity send up Central Minera, as the Union lode runs right into that sett."

FOR SALE:—10 Brynford Hail, £6 net (asfe to buy); 50 Illogan, 24s. (calls paid).

M. R. JAMES LANE, No. 44, THREADNEEDLE STREET,
JAMES LANE has FOR SALE, at not t prices:—20 Arthur; 30 Boscawen; 5 Basset and
Grylls, £24; 28 Crebor, 32s.; 50 Coroubia (fully paid), 30s.; 50 East Jane; 20 East
Carn Bres, £7%; 10 East Lovell, £4%; 100 East Bronfloyd (£2 paid), 11s.; 50 Great
Wheal Busy; 50 Hawkmoor, 8s. 6d.; 20 Ludocut, £3; 30 Lady Bertha, 13s.; 30 New
South Caradon; 20 New Wheal Marths, £3%; 10 North Crofty; 50 North Jane, 31s.;
100 North Minera (preference), 5s.; 100 Silver Mountain; 30 Silver Vein; 30 St. Just
Consols, 14s. 6d.; 20 St. Just United, £3%; 10 Tremayne, £10%.

Consols, 14s. 6d.; 20 St. Just United, £3\\(\); 10 Tremayne, £10\\(\);

STOCK AND SHAREDEALER.—Mr. PETER WATSON,
DENGLISH AND FOREIGN STOCK, SHARE, AND MINING OFFICES, 79,
OLD BROAD-STREET, LONDON, E.C.
TELEGRAPHIC MESSAGES to BUY or SELL Railway, Bank, Mine, and other
Shares and Stocks, punctually attended to on commission, or at nett prices for cash, or
for fortnightly settlements, with advice as to purchases or sales.
Eighteen years' esperience.

(Two in Cornwall and Sixteen in London).
Every information can be obtained on personal application or by letter, as to purchases and sales of mine and other shares, and the best investment for capital.
From the close proximity of his Offices to the Stock Exchange, as well as the Mining
Exchange, Peter May are an experience.

18 The Representation of the solution of the best and the sent of the continuous statements.

18 The Representation of the control of the solution of the best advantage of his clients.—September 18, 1863.

MR. PETER WATSON has been on a TOUR of INSPECTION of SEVERAL MINES in CORNWALL and DEVON for about three weeks, and will RETURN to LONDON on MONDAY NEXT, when he will be in a position to advise his citents and others, who may entrust him with their business, as to the purchase and sale of mine shares.

N.B.—In PETER WATSON'S "WEEKLY MINING CIRCULAR AND SHARE LIST. AND SYNOPSIS OF CORNISH AND DEVON MINES," &c., Nos. 291 and 292, Vol. VII., of the 25th September and 2d October, will contain important information. Annual subscription, £1 is.; single copy, 6d. (post free).

5 Basser.
5 Bodford United, £23/6.
5 Camborne Vean, 57s 66.
7 Condurrow.
6 Cook's Kitchen, £24/6.
5 Clifford Amal., £33/6.
10 Cardigan Consols.
10 Cardigan Consols.
10 Cardigan Consols.
10 Drake Walls, 37s. 3d.
10 East Rosselt, £23/6.
10 East Corn Bras, £7 17 6
10 East Chiverton.
10 East Troskerby.
25 East Carnellie, £3 12 6
15 East Carnellie, £3 12 6
15 East Carnellie, £3 12 6
15 East Cardin, £3/6.
10 East Basset, £81/6.
10 East Basset, £81/6.
10 East Grambler.
10 Great Fortune, £29/6.
100 Great Retallack.
100 Great Retallack.

5 Grambler.
5 Grambler.
5 Great Fortune, £2914.
100 Great Rotallack.
20 Gt. S. Tolgus, £4 12s 6d
10 Garreg, 2s. 6d.
50 Kelly Bray, 16s.

R. LELEAN, 11, ROYAL EXCHANGE, LONDON, E.C., has FOR SALE the FOLLOWING MINING SHARES, free of commission:—

Bryn Gwieg.

Basset.

10 Ludcott, £3 3s. 9d.
50 Lady Berths, 11s. 6d.
50 Mark Valley, £696.
50 Mary Ann, £114.
50 Mary Ann, £114.
50 North Basset, £3 1s3d.
60 Vale of Towy.
61 North Basset, £3 1s3d.
62 North Basset, £3 1s3d.
63 North Basset, £3 1s3d.
64 North Prances.
65 Nangles, £244.
65 North Phanix, £64.
65 North Phanix, £64.
66 North Phanix, £64.
66 North Crofty, £3 1s5 6d.
67 North Roskear, £234.
68 North Crofty, £3 1s5 6d.
68 North Crofty, £3 1s5 6d.
69 Vale of Towy.
60 Vale of Tow

Mr. LELEAN requests all his friends holding shares in Tolvadden Mine to send him left proxies, as he purposes attending the meeting to be held on the 6th October.

September 18, 1863.

E. GOMPERS. MINING OFFICES, 3, CROWN CHAMBERS, THREADNEEDLE STREET, LONDON, E.C. BUSINESS TRANSACTED in BRITISH and FOREIGN STOCKS and SHARBS.

Terms, 14 percent.—Bankers: London and Westminster Bank.

WILLIAM ALLISON, STOCK, SHARE, AND MINING BROKER, 29, AUSTINFRIARS, LONDON, E.C.
Orders to buy or sell, accompanied by references, punctually attended to.

Orders to buy or sell, accompanied by references, punctually attended to.

AMES HUME, SHAREBROKER, 74, OLD BROAD STREET,
AND MINING EXCHANGE, LONDON, E.C., has FOR SALE:—

50 Camborne Vean, 50s. 50 Crebor, 32s. 6d. 20 E. Carn Brea, £8\%.
50 E. Grenville, 53s. 9d. 20 East Russell, £2\%. 20 Uny, £6\%.
50 Great Retailack, 6s. 20 East Russell, £2\%. 20 Uny, £6\%.
Also a trader in Harriett, New Wendron, North Minera preference, Nanglies, &c.
Mr. Horse can recommend two mines of great promise, at present at a mere nominal figure, but which, from their merits and improving prospects, must soon command a very high price in the market. Particulars will be supplied on application.

JAMES HUME'S "Circular" for September, free for 6d.; annual subscripton 5s.

Orders executed at a commission of 1\% per cent.

Bankers: London and Joint-stock Bank.

MR. JOHN BATTERS, of 13, THROGMORTON STREET, has business in the Twelve Apostics Amalgamated (Dividend Lead Mines), raising upwards of 100 tons of lead ore per month, at Minera, near Wrexham.

MESSRS. WARD AND JACKMAN STOCK A ESSRS. WARD AND JACKMAN, STOCK AND
MINING EXCHANGE, LONDON, E.C. (ESTABLISHED TEN YEARS.)
MINING EXCHANGE, LONDON, E.C. (ESTABLISHED TEN YEARS.)
TRANSACT BUSINESS in BRITISH AND FOREIGN MINING SHARES and
OTHER SECURITIES at closest prices, not for on commission, but not being DEALLERS
only execute orders confided to them.
Telegraphic messages to buy or soil shares of every description promptly executed for
immediate cash, or the fortnightly settlements.
Commission, 1½ per cent. on all transactions.
Benkers: London and Westminster, Lotbbury.

MR. GEORGE BUDGE, SHAREBROKER, No. 4, ROYAL EXCHANGE BULLDES, SHAREBROKER, No. 4, ROYAL EXCHANGE BULLDINGS, LONDON, E.C. (Established 16 years), has FOR SALE, at nett prices:—5 Clifford, £33½; 100 East Seton, 7s.: 250 Great Northern, 2s. 6d.; 75 Drake Walls, 37s. 6d.; 100 Illogan, 26s.; 50 Cefn Clicen, 30s.; 150 Hawk-moor, 3s. 6d.; 200 Santa Barbara, 10s. 9d.; 50 Nant-y-lago, 32s. 6d.; 200 St. David's, 4s. 6d.: 40 Great Wheal Busy, £3½; 75 West Pemstruthal: 125 South Greaville, 6s. 9d.; 200 Garreg, 3s.; 5 Nanglies; 100 Dale, 13s.; 150 Molland, 2s.; 70 Wheal Unity, 16s.; 150 Camborne Vean, 50s.; 100 Great Devon and Bedford (Colcharton), 2½; 200 North Minera (Preference); 60 Gawton; 50 Okal Tor, £2½; 100 West Maria and Fortsecue, 34s.; 50 Lady Bartha, 11s. 6d; 35 Uny; 50 Great South Tolons; 100 South Caradon Hooper, 13s. 9d.; 5 Tincroft, £20; 20 East Chiverton, £1½; 25 North Crofty; 35 Keily Bray, 17s.; 65 Merllyn, 5s.; 25 Garlidon, £4½; 30 Great Caradon, 28s. 6d.; 15 North Downs; 120 North Robert; 100 West Torelyan, 7s. BUYER of Clifford, £33; Clijah and Wentworth, Wheal Crebor, North Pool, West Caradon, South Condurrow, Worthing.

G E O R G E M O O R E, in any business that Grozer Moors is favoured with, in which he is the buyer, be will give CASH ON RECEIPT OF TRANSFER.

In any business that George Moons is savoured with, in which he is the buyer, he will give CASH ON RECEIPT OF TRANSFER.

JAMES HERRON has FOR SALE the following SHARES. at the prices quoted, and FREE OF COMMISSION:—

60 Aberffered.

1 Basset, 2774.

60 Aberffered.

1 Basset, 2774.

61 Basset, 2774.

62 Basset, 2774.

63 Basset, 2774.

64 Ok Selly Bray, 17s.

65 Clifford Amal., £335.

65 Clowan Consols, 18s. 9d.

65 Copper Hill.

66 Camborne Vesan, £214.

67 Copper Hill.

68 Copper Hill.

69 Casset Gropper, 28 Sell.

60 Dale, 11s. 6d.

60 D

MESSRS. VIVIAN AND REYNOLDS, 68, OLD BROAD STREET, LONDON, E.C., MINING ENGINEERS, INSPECTORS of MINES, COMMISSION, and GENERAL AGENTS for the PURCHASE or SALE of MINES SHARES, RAILWAY, and EVERY OTHER DESCRIPTION of STOCK. Commission on share transactions 14 per cent. on £100 and above, and 24 per cent. on less sums.

MR. EDWARD COOKE, SHAREBROKER, 75, OLD BROAD STREET, LONDON, E.C. Advice given on application on the merits of the various mines currently dealt in.

MR. GEORGE BATTERS strongly recommends his friends to buy Tincroft, West Chiverton, Chiverton, Herodsfoot, South Caradon, and Devoi Great Consols for investment. These shares will pay good interest for money at presed quotations.—5, Cowper's-court, Birchin-lane, E.C.

SHARES WANTED IN THE FOLLOWING MINES, or

HARES WANTED IN THE FOLI

state number and lowest price:

Clifford Amaigam., £34.

Kitty (Lelant), £11/4.

Grambler and St. Aubyn,
£134.

Rosewarne United, £11/4.

Rosewarne United, £1/4.

South Basset, £80.

Camborne Vean, £3/4.

Creegbrawse.

25 Rosewarne Unit. £13/4.

FOR SALE:— 25 Rosewarne Utd., £134. 10 Grenville, £2. 10 St. Ives Wh. Allen, 25s. 15 Gonamena, £334.

Mining Offices, 77, Old Broad-atreet, London, Sept. 18, 1863.

ROSEWARNE UNITEL.—Shareholders will do well not to be "Damboozled" by garbled and false representations. The merchants whem no do of "Kilkenny cats," whilst the adventurers in the locality take care mine is not robbed or plundered in any way. Again, therefore, support the honest management, and study the interest of all.

Mining Offices, 77, Old Broad-street, London, Sept. 18, 1863.

JOHN RISLEY, 32, LOMBARD STREET, LONDON, E.C. SHARES in MINES BOUGHT and SOLD on commission, at 11/2 per cent, for mmediate cash. Bankers: London and Westminster, Lothbury.

JOSEPH GREGORY, STOCK AND SHAREBROKER, 2, HATTON COURT, THREADNEEDLE STREET, LONDON, E.C. Commission on purchase and sale of mining shares, 1½ per cent. Bankers: City Bank.

CEORGE RICE, SHAREBROKER, 1, FINCH LANE, CORNHILL, LONDON (20 years' experience).

SPECIAL BUSINESS in East Caradon, East Carn Brea, East Russell, East Grenville, Thoroft, Wheal Grenville, North Crofty, Clifford Amsignanted, &c.

Money advanced on mining shares.

Sept. 18, 1863.

Bankers: Bank of London.

MR. G. D. SANDY, SHAREDEALER, No. 48,
THREADNEEDLE STREET, LONDON, E.C.
Business transacted at the closest market prices,
A correct daily price list will be forwarded on application.

RICHARD CLIFT, MINE SHAREDEALER late of Redruth, now 48, THREADNEEDLE-STREET, LONDON, where all eleters are to be addressed.

MR. T. ROSEWARNE, 81, OLD BROAD STREET, North Downs, £2 ls. 3d.

Bronfloyd, £4½.

Bronfloyd, £4½.

Carl Brea, £71.

Clijsh and Went., £9½.

Drake Walls, 40s.

Drake Walls, 40s.

Draye Gf. Cons. £255.

Marke Valloy. £634.

Marke Valloy. £634.

Marke Valloy. £634.

Marke Valloy. £634.

West Seton, £215.

Warke Valloy. £634.

West Seton, £215.

Warke Valloy. £634. Drage Wath, 40s.
Devon Gt. Cons., £575.
East Russell, £3%.
East Caro Brea, £7%.
And is a BUYER of
Wheal Harriett, £2%.
Wendron Cons., £8%.
Great South Tolgus, £4%. Wheal Unity, 15s. Wheal Basset, £81. Wheal Arthur, 4s.

And is a BUYER of—
Wheal Harrieft, £2½. Wheal Margery, £3. Wheal Uny, £8½.
Wendron Cons., £6½. Wheal Edward, £9 15s. East Basset, £80.
Great South Tolgus, £4½ West Basset, £8½. Drake Walls, 38s.
T. Rosewarke is happy to say that those parties who have taken his advice duithe last fortnight in purchasing in those mines can now realise 100 per cent. profit.

Sept. 18, 1863.

MR. D. STICKLAND, M.E., having had upwards of 40 years mining experience in Cornwall, anyong years of which have not also been seen as a second secon MINING experience in Corawall, several years of which he has had the entire management of unions therein, enables him to GIVE GOOD ADVICE thereon.
MINES INSPECTED and faithfully REPORTED ON. DEALER in MINING, RAILWAY, and OTHER SHARES.
His monthly "Circular" for September contains a selected list of Cornish and other mines. Forwarded on receipt of six postage stamps.
5, Finsbury-street, Finsbury-square, London.

MESSRS. R. HORLEY AND CO., SWORN STOCK, SHARE, and MINING BROKERS, 45, CORNHILL, E.C. (late of 2, Royal Exchange-buildings), TRANSACT EVERY DESCRIPTION OF MINING BUSINESS, on commission only, and are in a position to obtain reliable information respecting all dividend and

M. R. T. P. THOMAS, MINING AGENT AND AUCTIONEER,
2. CROWN COURT, THREADNEEDLE STREET, LONDON, E.C.
Mr. T. P. THOMAS is always in a position to give the most reliable information as to Minera, North Minera, Contral Minera, Ceft Clicen, Pant-y-Pydew, Minera Union, and the Twelve Apostles Mines, and is prepared to BUY and SELL shares in each at close marginal orios.

marginal prices. FOR SPECIAL SALE:—20 Twelve Apostics, 50 Cefn Clicen, 40 Pant-y-Pydew, and 30 Central Minera. Is a BUYER of 2 or 4 Minera shares.

and 30 Central Miners.

VALUABLE FORFEITED AND OTHER MINING SHARES FOR SALE
BY PUBLIC AUCTION.

MR. T. P. THOMAS has been favoured with instructions to SELL
London, on Thursday, the 24th day of September, 1863, at One o'clock, the following
VALUABLE SHARES:

398 Trewatha Lead Mine shares, forfeited for non-payment of calis.

18 Hawkmoor.

10 North Robert.

10 North Downs.

5 Nanglies.

20 North Dolcoath.

10 St. Just United (Tin).

30 Don Pedro No. del Ray.

20 East Grenville.

20 Crabor.

21 West Caradon.

20 Central Minera.

20 Great Rotalinek.

100 East Cambrina (Gold),

20 Crabriotte United.

3 South Wheal Lovell.

20 Canterious (Company)

20 Canterious (Company)

20 Canterious (Company)

30 Central Minera.

20 Charlotte United.

30 Central Minera.

20 Charlotte United.

30 Central Minera.

20 Charlotte United.

30 Central Minera.

20 Carnewas.

50 Great Retailnek.

10 East Carn Brea.

21 Camborne Vean.

25 Carnewas.

26 Carnewas.

27 Camborne Vean.

28 Twelve Apostie's, Lead.

For further particulars, catalogue, &c., apply to Messrs, Dussrono and Rankan, 9, Broad-stret-buildings; Mr. T. E. W. Thomas, 16, Hackins Hay, Liverpool; the Jamaica Coffee Honse; Garraway's; and of the auctioneers, T. P. Thomas, 2, Crown-court, Threadmeedle-street, E.C.

MR. T. E. W. THOMAS, MINING AGENT AND GENERAL

MI. T. E. W. THOMAS, MINING AGENT AND GENERAL MINING SHAREDEALER,
3, PINNER'S COURT, OLD BROAD STREET, LONDON; and
16, HACKINS HEY, LIVERPOOL.
Now ready, Mr. THOMAS'S "Mining Pamphlet," containing practical information respecting some of the mines now being dealt in on the market, with his observations and advice relative to the same. Post free for six stamps.
Mr. THOMAS has business, both as a BUYER and SELLER of shares, in the Minera Mine, and is at all times prepared to execute commissions.

MR. FRANCIS G. LANE, No. 2, ROYAL EXCHANGE, LONDON, E.C.
The following SHARES FOR SALE, at nett prices:—
25 St. Just United, £3\(\frac{1}{2}\).
25 Marke Valley, £6\(\frac{1}{2}\).
50 New Martha, £2\(\frac{1}{2}\).
50 New Martha, £2\(\frac{1}{2}\).
50 West Maria and Fortescue, 22s. 6d.
50 Drake Walls, £6\(\frac{1}{2}\).
50 Citford, £33\(\frac{1}{2}\).
50 Citford, £33\(\frac{1}{2}\).
50 Natheometric Sale (100 Nanteos, 25s.
50 Urake Walls, 38s. 6d.
50 Citford, £33\(\frac{1}{2}\).
50 Natheometric Sale (100 Nanteos, 25s.
50 Walls, 23s.
50 Great Devon & Belfi.e.
51 ON Nanteos, 25s.
52 Citford, £33\(\frac{1}{2}\).
53 ON Martha, and West Maria and Fortescue.

MR. FREDERICK WM. MANSELL, STOCK AND MINING SHAREBROKER, 75, OLD BROAD STREET, LONDON.
Mr. MANSELL will, on application, forward a list of mines for immediate purchase, likely to considerably advance in price during the next month.

Telegraphic orders to the above address will meet with prompt attention.
Terms of commission, 1½ per cent.

Bankers: London and Joint-Stock Bank.

Bankers: London and Join-Stock Bank.

HARES FOR SALE IN THE FOLLOWING MINES:—

20 Keily Bray, 16s.
6 Clifford Amal., £33\\(\frac{2}{3}\).
4 Trelawny, £17\\(\frac{2}{3}\).
50 Great S. Tolgus, £4\\(\frac{2}{3}\).
10 Fendeny, £17\\(\frac{2}{3}\).
10 Wheal Unjon, £2\\(\frac{2}{3}\).
10 East Grandon, £3\\(\frac{2}{3}\).
10 East Grandon, £3\\(\frac{2}{3}\).
10 East Caradon, £3\\(\frac

WILLIAM SEWARD, MINING BROKER, STOCK AND SHAREDEALER, 31, THROGMORTON STREET, LONDON, E.C. Commission, 1½ per cent. on all transactions.

M. THOS. THOMPSON, MINING OFFICES, 12, OLD JEWRY CHAMBERS, LONDON, E.C. Mr. Thompson has the means of obtaining the very first information, and is fally ca-pable of giving the best advice, either for investment or speculation.

FOR SALE, TWENTY SHARES in the ERWFELIN LEAD MINE (LIMITED), near MOLD, at 26s, per share. This mine is a certain prize, and is managed by Capt. John Lloyd, of Bryn Gwieg Mine, and Capt. John Williams, of Mold.—Address, John Edwards, 6, Sir Howard-street, Liverpool.

NORTH LAXEY.—WANTED, SOME SHARES, at a nominal price.—Address, with number and price, "W. L.," MINING JOURNAL office, 20, Floet-street, London, E.C.

T. IVES WHEAL ALLEN, NEAR ST. IVES, OORNWALL.—TO BE SOLD, FIFTEEN SHARES In ST. IVES WHEAL ALLEN. Price for cash, 25s. per share.—Apply to Mr. Thomas Carten, Sharedealer, Camborne, Cornwall.

ST. IVES WHEAL ALLEN.—Shares in this mine having been advertised for sale at 25s, per share, by Mr. Thomas Carter, of Camborne, in the last two numbers of the Minino Jounnal, and the advertiser having repeatedly applied for the same without a reply, hereby states that he will buy shares at that price.—Address, "G. A.," MINING JOUNNAL office, 26, Fleet-street, London, E.C.

MONEY.—Great profits are made by judiciously speculating in mines, but the greatest caution is necessary. Consult the correspondent of the Mining Journal, who writes under the signature of "A Cautious Man."—Address, Mr. Halse, Mining Broker, 28, Threadneedle-street, London.

MONEY.—CONTRACTORS and OTHERS can be ACCOMMODATED with LOANS, DISCOUNTS, &c.—Apply to Messrs. WIEEERSON and Co., monetary negociators and arbitrators, &c., 25, Birchin-lane, Cornbill, London, E.C.

THOS. L. COTTINGHAM, MINING ENGINEER,
MINERAL AND LAND SURVEYOR, AND GENERAL AGENT,
LITTLE NESTON, CHESHIRE, AND MOLD, FLINTSHIRE.

TOHN GLEDHILL AND CO., MINE AGENTS AND EXCHANGE, LEEDS.

BRITISH AND FOREIGN STOCK, SHARE, AND MINING OFFICES, No. 2, WINCHESTER BUILDINGS, GREAT WINCHESTER STREET, LONDON, E.C. MINESSES, FULLER AND CO. continue to BUY and SELL EVERY DESCRIPTION of SHARES in BANKS, CANALS, MINES, RALLWAYS, and GOVERNMENT STOCK, either for money or account. Stock Exchange business effected upon

the usual commission.

Capitalists who seek safe and profitable investment will find that mines afford a wider range for profit than any other public security, and pay dividends quarterly from 12% to 20 per cent. per annum. Progressive mines frequently advance hundreds per cent.

in value.

Messrs. FULLER and Co. having channels for the disposal of shares comprised in the miscellaneous list, invite the holders thereof to communicate with them; and havin had upwards of 20 years' experience in the mining market, are prepared to advise as a the purchase of shares for an early advance in price, and for becoming a safe and remainerative investment.

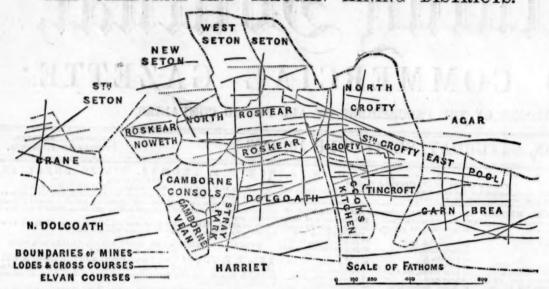
he purenase or sharts no an executive investment.

Telegraphic messages promptly attended to, and every information supplied, either earsonally or by letter. Office hours, from Ten to Four o'clock.

Bankers: The Metropolitan and Provincial, Corabill.

A MINING PAMPHLET, containing information as to Grenville, East Grenville, East Caridon, East Basset, Bryn Gwlog, North Roskear, Wheal Crebor, Ludcott, Seton, and other mines. Price 6d,—T. E. W. THOMAS, 9, Pinner's—court, Old Broad-street, Lendon,

CAMBORNE AND ILLOGAN MINING DISTRICTS.



RETURNS OF COPPER ORE FROM MINES IN CAMBORNE AND ILLOGAN. Mine. Copper ore.
Wheal Seton . Tons 71,855 ...
West Seton . 52,334 ...
East Pool . 50,966 ...
East Crofty . 100,592 ...
North Orofty . 7,211 ...
South Crofty . 5,860 ...
Carn Brea . 182,126 ...
Dolcoath ... 244,969 ... Divide Value 549,872 39,642 27,327 1,065,971 1,379,495 212,740 34,320 12,960 439,208 778,836 215,391 185,000 278,500 259,929 12,500

This district, which with that of Gwennap and Redruth returns a large

young mine. A few remarks on the principal points in the progressive mines may interest our readers, the dividend mines being known wherever English mining is heard of need no comment: young mine.

English mining is heard of need no comment:—

WHEAL CROFTY is in 6000 shares; it was originally worked as Longclese, then Longclose and Dudnance, and under this name is mentioned by Pryce, who
wrote in 1778, as producing cobait ores in quantity, and being rich for copper. Under
the name of Longclose, it is mentioned by Boriase as one of the mines returning the largest
amount of profit between 1718 and 1758. It was subsequently a portion of East Wheal
Crofty, and when that mine was divided into North and South Crofty for part of the
South Crofty sett. A few months since the South Crofty adventurers determined to
abandon this part of the mine, and it was immediately taken up by a powerful company,
who at once proceeded to work it vigorously. About a fortnight since a lode was cut in
a cross-cut at the 35, and at a distance of about 6 fms. from the main lode, the rich lode
in the old workings, and parellel to it; this lode is now 9 ft. wide, about 5 ft. of it torey
ground, producing 4 tons to the fathom. A few days after the discovery at the 35 the
lode was cut equally good in the 24, west of Square's shaft, a laterial distance of
47 fms.; this lode has never been worked, and can be reached by short cross-cuts down
to the 125 under adit. The great cross-course is the boundary of the sett westward, and
although the parellel lodes in Dolcoath, Cool's Kitchen, North Rosker, and Seton ali
made rich against the cross-course, none of the lodes either in this or the adjoining set
of Rosker have been worked within 150 fms. of it. There can be no doubt that this
is one of the most promising undertakings in the county.

Roskraar, in 6000 shares, is immediately to the west of Wheal Crofty,
as before stated; this mine has returned immense profits in former years, and was all
but paying cost when suspended, although the was 15t, per ton cheaper than at present;
in fact, it was never intended permanently to stop the mine, since a large amount of pitwork is now standing in the shaft. A large proportion of the adventurers in

returns for copper. Competent authorities are of opinion that this mine will make large and lasting returns if vigorously worked.

NORTH DOLCOATH is in 5000 shares. In this mine the engine-shaft is down to the 65 on a very large lode, producing fine stones of copper ore throughout; in the 60, both east and west, the lode is orey throughout. This mine, which may be looked upon as a most promising adventure, attracted a very great deal of attention some time since on account of the large amount of silver gossan discovered; some of this gossan produced at the rate of 5000 case, per ton. A good gossan being one of the few indications which may be considered unfalling, a course of ore is expected in depth here.

CAMBORNE YEAN is in 4600 shares; it is immediately west of Stray Park and Dolcoath, and has their lodes. Some years since this mine made very large profits from copper ore; it is now returning both copper and tin. An improvement has recently taken place in Grylia's shaft, at 6 fathoms bolw the 242 fathom level, where there is a leader of tin, 9 to 12 inches wide, worth 1302, per fathom for the length of the shaft, and which has caused a great demand for the shares, raising the price 150 per cent.

Hydraulic Machinery for Raising Water from Mines.—In ordinary hydraulic machinery, stuffing-boxes are used packed with hemp or cupped leathers, and frequently copper collars are employed. To enable stuffing-boxes in such machines to be dispensed with, and thereby to avoid friction at such parts, Mesers. Mawson and Whitehead, of Caiveriey, near Leeds, have provisionally specified an invention, according to which the platon, plunger, or ram, which is formed less in diameter than the bore of the cylinder in which it works, and to the bottom of said ram a piece or pleces of leather of semicircular form are affixed, so that the water, pressing against said leather, forces it against the circular bore of the cylinder and makes a perfectly water-tight joint. They propose to form the said cylinder of a solid square piece of metal, bored out at its centre and open at top (having no stuffing-box), to receive the ram; said cylinder is to be fitted in an oblong cistern containing water; two small pumps, fitted with suitable valves, are also fitted in said eigerm, and said pumps are worked by a two-throw crank shaft for injecting water into the square cylinder aforesaid, for lifting the ram, and imparting motion to a long lever, an anti-friction roller being adapted to the head of the ram upon which the said lever resta; the short end of this lever has its fuicrum on a strong pin fixed in a standard, and the longer end of the said lever is connected to the pump-rod leading down the shaft of the mine, bit, or other place from which the water is to be raised. By these means a great saving of power may, it is said, be effected.

The atmost Minesaul Oliss.— Mesers. Prentiss and Sellars. of Chester. HYDRAULIC MACHINERY FOR RAISING WATER FROM MINES,-In ordi-

TREATING MINERAL OILS. — Messrs. Prentiss and Sellars, of Chester, have provisionally specified an invention, which has for its object an improved system of treating petroleum, or rock oil, coal oil, paraffin, and other like mineral oils, and the products therefrom, and consists in combining them with resin, resinous or other gams, and tallow, and other fatty matter, to improve the quality of these substances to better adapt them for burning, lubricating, detergent, and other partnesses. When required for detergent purposes, it is preferred to saponity the compounds by the addition of any of the alkaline substances used for that nurrose.

ALUMINIUM BRONZES .- The invention recently patented for Mr. Moses ALUMINIUM BRONZES.—The invention recently patented for Mr. Moses Gerrish, of Salem, U.S., consists in combining copper and aluminium with one or more light coloured metals within certain specified proportions, the copper and light coloured metals bearing to each other proportions varying from 80 per cent. of the latter, while the proportions which the aluminum bears to the whole of the light coloured metals he average way from 10 to 85 per cent. By light coloured metals, having substantially almitar properties with those summerated, or any desired mixture or alloy of any of them. To produce alloys which from their colour and fineness of texture leastly resemble gold, whence he terms the alloys chrysoid, he proposes—firstly, copper, 9189; aluminium, 616; and silver, 208 parts. Secondly, copper, 9241; aluminium, 67; and silver, 189 parts. Thirdly, copper, 9330; aluminium, 604; and silver, 180 parts. These alloys he considers well adapted to the manufacture of watch cases, chains, and ornamental jewellery. By substituting zinc for the silver he claims to produce an alloy fit for machine bearings. He states that these zinc alloys are hard and tenacious, but are characterised by considerably more shrinkage than either of the others praceding it. The said alloys have, when drawn into wires of about 1-20th of an inch in diameter, a tensile attempth to the square inch of section in the preceding order of about 90,000, 103,000, and 44,000 be. To produce an alloy reliable or the silver he was more considerable, and ductile, he uses from or from an alice with the aluminium and copper, and state that the tensile strength to the square inch of section in the preceding order of about 90,000, 103,000, and 44,000 be. To produce an alloy with the aluminium and copper, and state that the tensile strength of these alloys, when reduced to wire, varies from 83,000 to 107,700 the, per square took of section. Where sinc or tim, or both, enter into the alloys in the place of silver, the colour of the resultant alloys is somewhat affec Gerrish, of Salem, U.S., consists in combining copper at

result in a greater degree than silver. In those alloys into which he introduces iron o platinum, or other light coloured metals which are difficult of fusion, he prefers to bring the easily fused metals into a molten state, and then to mix those less fusible with them in the form of ahreds, particles, fine wire, or thin plates. The metals used should be those which are most nearly pure as found in the market, it not being necessary to have them absolutely or chemically pure. He prefers, for example, the best Lake Superiopper, or copper deposited by the electrotype process, which frees it from many impurities.

ATTACHING SHEATHING TO VESSUS.—It has lowy been known that the

them absolutely or chemically pure. He prefers, for example, the best Lake Superior copper, or copper deposited by the electrotype process, which frees it from many impurities.

ATTACHING SHEATHING TO VESSELS,—It has long been known that the yellow metal sheathing is the most durable and keeps clean longer than any other, but in attaching such sheathing to iron ships, it has been found in practice that, owing to the contact of the two metals in the salt water, a strong galvanic action has taken place, so as to decompose and ultimately destroy the sheathing metal and the iron. To obviate this defect, it has been proposed to insulate the two metals by placing sheets of vulcanised India-rubber or other material between them, and various methods have from time to time been devised for attaching the sheathing without forming any metallic connection between it and the iron plates of the vessels, such as the use of chonite rivets, or drilling holes in the iron plates, plugging them with wood, and nailing the metal sheathing thereto, both of which plans are open to objection on account of the weakening of the iron-plates consequent upon drilling so many holes therein, also on account of expense, and other reasons. Mr. William H. Muntz, of Millbrook, has patented an invention, which consists in attaching the sheets of India-rubber, or other insulating material, by means of marine glue, or such other cement or adhesive material as will resist the action of sea water, instead of nailing or rivetting the same, as previously practised or proposed. He proceeds either by employing the waterproof glue or cement to the for attaching the India-rubber or ther imperious insulating material to the sheathing, and also for attaching the India-rubber or other imperious insulating material to the sheathing, and also for attaching the same to the ship's side. His claims are—firstly, for attaching metallic abeathing to iron or other vessels by means of waterproof glue or cement only for attaching the same to the ship's side. His claims a means of the waterproof glue or cement only, without the interpolal. any galvanic action takin wooden vessels by means of any other material.

wooden vessels by means of the waterproof glue or cement only, without the interposition of any other material.

Traction-Engines.—The invention of improvements in traction-engines or common road locomotives, which has been provisionally specified by Mr. Robert Faulds, of Glasgow, has principally for its object the propelling and steering thereof in a more efficient manner than has been hitherto attained. The invention consists, in the first place, in applying the propelling power (which may be obtained by steam-engine details arranged in any convenient way), two or more pairs of wheels, whereby the necessary "bite" of the ground will be obtained without excessive weight and other inconvenience, whilst the ascending of inclined roads, or the drawing of extra loads, will thereby be greatly racilitated. According to one modification of the invention, the driving-wheels are actuated by means of worms gearing with worm-wheels attached thereto or fixed on the axies thereof. These worms are by preference, upon two parallel shafts, disposed horizontally and longitudinally, and driven by means of bevel gearing from a transverse shaft, or by spur gearing from a central ion-gitudinal shaft, worked by the engine at a comparatively quick speed. Clutches, by preference, of the frictional kind, are arranged in convenient positions for throwing the wheels on either side into or out of gear, and the engine or carriage can be steered or manceavred by these means, as the driving of the wheels on one side only will cause it to turn towards the opposite side; or the steering may be effected by means of a separate pair of wheels upon a bogic or swivelling frame, in connection with which provision may be made for causing the load to bear more or less upon them. According to other modifications, the driving-wheels may be actuated by spur or bevel gearing, with clutches for throwing them separately into or out of gear; or the propelling power may be applied to one pair, and be transmitted to the other pair or pairs by commencenting-ro

Original Correspondence.

MANUFACTURE OF LEAD.

MANUFACTURE OF LEAD.

SIE,—As I have heard a good deal about Mr. Baker's method of purifying slag lead, I took some interest in examining two pigs, said to be pure lead, exhibited by Messrs. Ransom and Co., Sheffield, in the Central Exchange, Newcastle, while the British Association held their last meeting there. I believe it is admitted by those who seem to know something of the properties of lead that when it is pure it is ductile, easily penetrated with the nail, and readily acted on by the atmosphere, especially a humid one, which converts the surface into a carbonate of a dullish, slightly white, appearance. Mr. J. A. Phillips says—"The lead of commerce often approaches chemical purity, and is then extremely soft and malleable. On exposure to the air, it becomes rapidly tarnished, and acquires a superficial soating of the carbonate of the protoxide." In the Central Exchange the atmosphere would be sufficiently charged with moisture and carbonic acid to act so, but the two pigs of lead in question are hard, scarcely yielding to the nail, very lustrous, and apparently to have quite resisted all atmospheric influences, which act so freely on pure lead. Perhaps some of your readers will kindly explain how this is, as I fear from these characteristics lead manufacturers would not find it a profitable lead for either white lead or sheet lead.—Sept. 14. or sheet lead .- Sept. 14.

CRUSHING AND GRINDING QUARTZ.

lead manufacturers would not find it a profitable lead for either white lead or sheet lead.—Sept. 14.

CRUSHING AND GRINDING QUARTZ.

Sir.—Some two centuries since a process of crushing minerals by firing them from a cannon against a hard surface was placed upon the records of the patent office by an ingenious inventor of the time, and after long practical experience Mr. Joseph Mosheimer, of Dolgelly, has arrived at the conviction that this invention was based upon sound considerations, and that it is to a modification of this important suggestion that we must look for the problem as to the beat means of profitably treating the gold ores of Wales. Having for some years followed the life of a gold digger in California, Mr. Mosheimer has acquired sufficient practical knowledge to convince him that an unnecessary amount of expense would be involved by employing even the powerful projectiles of the present day for shattering so hard a substance as quarts by throwing it against a targest, and he has hit upon the happy idea of avoiding the wear and tear of the cannon, and at the same time of saving the gunpowder which would otherwise be consumed, by availing himself of centrifugal force for superseding the projectile altogether. Mr. Mosheimer's invention being patented, the public have the advantage of being able to obtain the description of the "improvements in machinery for crushing and grinding quartz and other substances" in Mr. Mosheimer's own words; there will, consequently, be no difficulty in ascertaining the marvellous results accruing from the sound scientific training which, it is proverbial, the German miners undergo, coupled with practical experience in the New World. Upon Germany, the country of his birth, Mr. Mosheimer reflects an amount of credit of which it may be proud, whilst the machine-loving Americans will, doubtless, recognise an amount of progress which no other American citizen has yet aspired, to.

The nature of his invention, as Mr. Mosheimer tells us in his specification, consists in combi

plates, by which the gimes and to have some elasticity.

As Mr. Mosheimer's machine is entirely novel in its character, I am sure there must be many of the readers of the Mining Journal who will be anxious to have a detailed statement of the number of tons of quartz which it will pulyerise daily, and the power of the engine by which it is driven.

MECHANICUS.

CORNISH MINES, AND SUPPLIES.

CORNISH MINES, AND SUPPLIES.

Sir,—I was glad to read the letter from Mr. Sims, in last week's Journal. So practical an authority was sure to place the matter in the right light. What more satisfactory arrangement, or effectual check, could be proposed than publicly advertising for a supply of the materials required for the mine? The course which adventurers should enforce at the London meetings is, that an arrangement be entered into as to the contracts to be announced; a committee, independently formed, should examine the tenders; and the most eligible of the offers be selected. There need be no antagonistic feeling, as no opposing interest would exist—the object of all being the success of the undertaking. Let us hope that the suggestion of Mr. Sims may prove the means of inaugurating a new system; that London managers may be induced to look to the well-doing of the mines placed if their offices, and thus create a better feeling in their favour, rather than tolerating the jobbery hitherto practised (as some in the county consider), for the sake of the limited gains attached. Messrs. the London Managers should consider that they are the shareholders' representatives, not the merchants' agents.

A Cornishman.

CORNISH MINES, AND SUPPLIES.

Sir,—As an old man, I can endorse the sentiments of one of your cor-respondents of last week respecting the late Mr. John Taylor. It was he and his friends to whom the miners of Gwennap and neighbourbood were indebted for the revival of the mines in that locality. But for him in all likelihood that district would have remained a desolate wilderness, when, in 1821, Providence moved that man to take up the setts of Wheal Virgin,

in 1821, Providence moved that man to take up the setts of Wheal Virgin, Cusvey, and other extensive mines, which had withered and died out under the blasting mildew of "Gwennap rule" and the "great shop" payment of miners' labour, and which he with his agents, by their superlative management, brought again into active operation under the name of the "Consolidated Mines," and actually divided among the shareholders upwards of 250,0004. The leases, however, expiring, these mines were ruthlessly torn from his hands by parties who, not content to receive their portion of the regular "golden eggs," determined to seize the "goose" and have the whole; when lot on opening the "goose" the "golden eggs "had vanished. The system of tendering for supplies was, of course, abolished, and those mines, after dragging out for some time a miserable existence, expired, and the district became again a dreary wilderness, which but for this arbitrary and unjustifiable act the "Great Consolidated Mines" of Gwennap, Cornwall might, perhaps, to this day have been at work under the Messrs. Taylor's management, making their regular hi-monthly dividends, and the whole district have enjoyed the prosperity of Camborne and Illogan. I mention this as one of my reminiscences of the success attending the skill and indomitable energy of this great man. I trust, Sir, that the great interest manifested by mining adventurers on the subject of supplies will not be allowed to rest or cool down until the whole system is thoroughly ventilated. I believe my London friends and the gentlemen at Leeds will insist upon it that all materials shall henceforward be purchased only by tenders, in spite of the merchant princes of Cornwall, and their "behind the scene" influences. Thanking you for the space you have already allowed

as to occupy in your Journal, I may perhaps trouble you once more with my thoughts on the subject of supplies and "count-house" arrangements, and then leave the matter to other and abler hands.

St. Michael's-alley, Cornhill, Sept. 15. An OLD ADVENTURER.

SUPPLY OF MATERIALS-BALANCE-SHEETS.

SUPPLY OF MATERIALS—BALANCE-SHEETS.

Sir,—From letters which have recently appeared in the Journal, there seems to be an impression that in some mines there is not that care in the expenditure, in purchasing and carrying materials, &c., which would be the case with people's own property. I would suggest that there should be copies of all bills sent to the brokers connected with the different mines, and then every shareholder could at any time inspect them: and, also, that there should be a regular balance-sheet of the profits and expenditure of every mine put in the Journal, say half-yearly. I believe that this would, greatly increase the confidence of the public, and lead to the further development, and also opening up, of a very large number of mines, which otherwise may remain for ages without being worked, and which would pay enormous profits to the adventurers, and be a great benefit to the world.

Newquay, Sept. 17.

T. M. PASCOE.

APPLICATION OF PHOTOGRAPHY TO MINING.

APPLICATION OF PHOTOGRAPHY TO MINING.

Sir,—An idea has occurred to me, which certainly appears worthy of consideration, if not of general adoption, amongst mine agents and mine adventurers—I allude to the representation of the surface work by means of photography. It would prove the most ready means for the agent to explain what he has done, and would give the adventurers a better idea of his ability than any report which could be written.

I am aware that in the case of established mines the application of the art would be useless, unless to show the increasing size of the heaps of ore, because otherwise the appearance at surface would remain unchanged; but in the case of new, and even of progressive mines, it would be very valuable. In the case of the Welsh gold mines, for example, if the ahareholders had photographs weekly, they could judge for themselves the number of men employed, and also of the ability with which the surface works had been laid out. I would not follow the suggestion so far as to teach the mine captains to photograph for themselves, because I think their time could, or, at least, ought to, be better employed; but as photographs can now be obtained from professional artists at about 6d. each, say, 5s. a week, would keep the adventurers well informed.

Again, in the event of railways, water-courses, &c., being necessary, photographs of the surrounding country, and of the proposed routes, might be useful; but as it will be only requisite for one series of views to be taken by each captain, there will be still less necessity for him to make the study of photography part of his practical education.

THE ROYAL SCHOOL OF MINES

THE ROYAL SCHOOL OF MINES.

THE ROYAL SCHOOL OF MINES.

SIR,—Since your announcement in the Mining Journal, of August 29, that Sir Roderick Murchison had come to the very wise determination to offer the Professorship of Geology at the Royal School of Mines to Prof. Morris, I can assure you that both myself and other students have anxiously watched for the further and still more gratifying information that the offer has been formally made and accepted. The high opinion you have expressed of Prof. Morris's ability is acknowledged by all to be thoroughly justifiable, and whether we seek confirmatory evidence amongst the great geologists of the United States or of Germany, we shall find that there is no geologist in Engiand whose opinions are so generally respected, nor any who would be considered a greater acquisition to a national academical institution.

I am sure that no student of the Royal School of Mines would for one moment wish you to attempt to prove that a more competent instructor than Prof. Ramsay could be found, yet I am constrained to state that more than one instance has occurred of students of the Royal School of Mines attending the lectures of Prof. Morris, and openly avowing that they have acquired more information from a short course of evening lectures by Professor Morris than from the whole of the expansive day courses at the School of Mines; and I can further state that even the paleonologist's assistants at the Geological Museum have not been above refreshing their memory (?) at the University College evening classes. I believe the students generally will rejoice if they be fortunate enough to have Prof. Morris for their instructor in geology, and I am quite sure that he will reflect honour on the establishment.

But it is not alone from Prof. Morris's undoubted ability as a geologist that his appointment to the Chair of Geology at the Royal School of Mines will be looked more with

have Prof. Morris for their instructor in geology, and I am quite sure that he will reflect benour on the establishment.

But it is not alone from Prof. Morris's undoubted ability as a geologist that his appointment to the Chair of Geology at the Royal School of Mines will be looked upon with satisfaction. There has hitherto been considerable aversion to the entire establishment from the pervading feeling, and I am sorry to say that I fear is is not groundless, that all offices and preferments are monopolised by a clique, and that it is hopeless for an independent student to seek for honour. It is a common saying amongst the students that in the Royal School of Mines la protection want fout; and, without doubt, patronage has heretofore, to all appearance, been considered before merit; in witness whereof we need only refer to the names of the prizemen who have been appointed to Government offices in India, Australia, Tasmania, and elsewhere. It was feared, among the students, that he vacancy in the geological chair would have been filled by Mr. Jukes of Mr. Giekle, and either appointment would have been very distasteful, and would, to some extent, have made good the saying here that "the canny Scot at the helm is 'unco' glad to see a countryman in an exalted position,' as the Grand Vizier of the Suitan said to the Russian ambassador (both being Scotchmen), after concluding the formal business of a diplomatic meeting.

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sian ambassador (both being Scotchmen), after concluding the formal basiness matter meeting."

As to the advantage which will accrue to the School from Prof. Morris's connection with it, there can be no question. It is well known not only to the officers of the Geological Survey, but to all identified with the mineral industries of the country, that there is a strong faction opposed to the school, because they consider it to be too much nursed; and as this faction has full confidence in Prof. Morris, I believe that in the event of his name appearing amongst the list of professors, a far larger number would give their countenance to the school, and many students would attend who are now kept away upon principle.—Royal School of Miner, Jermyn-street, Sept. 16.

A STUDENT.

NON-PAYMENT OF CALLS.

NON-PAYMENT OF CALLS.

Sir,—The question raised a few weeks since as to whether those who neglected to pay their calls did not obtain an advantage over those who do pay, which may be considered equal to a dividend upon the amount of their arrears, has been very ingeniously shifted upon the subordinate question of Cornish mines and their supplies. First the fraudulent measurement of timber was introduced, then the question of prices generally, and now it has degenerated into the relative merits of purchasing materials by tender and otherwise, the commissions exacted by mine captains, and so or, all of which, although important in their way, only prove the evil of arrears of calls being suffered to exist. It is very generally known that the salaries of mine captains and pursers (not only in Cornish but in other mines) form the smallest amount of their income, but I maintain it is the shortcomings of the adventurers themselves that tempt them to be dishonest. The adventurers do not supply them with the necessary funds for carrying on the mine in a straightforward manner, and the merchants then come in and offer (what is no doubt a temptation that cannot be overcome by the adventurers' agents) to share the plunder on condition of having the business of the mine, and not being too closely watched. The merchants put a sovereign in the agent's mouth to prevent him speaking, and a sovereign in each hand to prevent him writing, and the agent then suggests that one on each eye will prevent him seeing also. It is by gentlemen wearing such ornaments as these that the money of mine advanturers is simest invariably expended, and simply because calls are permitted to remain in articles and the company is thus left in an embarrassed position.

I cordially coincide with the remarks in last week's Journal, that some advantage results from requiring tenders, but there are compelled to decide, not in consideration of the price and quality of the goods offered, but it is most unjust towards the prompt paying shareholders, because t

defaulters, who laugh in their sleeve at the leniency of their paying co-partners, and pocket the 15 per cent. profit which this leniency secures to them.

Pursers, bankers, merchants, and captains of mines, may be content with the present system, because it "puts money in their purse," and defaulters may be averse to change upon the same grounds, but the loss to those who do pay is almost greater than can be estimated, for not only are they deprived of the intrinsic worth of their money, but mines which, carried on with ready money, would be highly remunerative, are abandoned as hopeless, through being carried on upon the present credit and underhanded system. The injury which the non-payment of calls inflicts on the mining industry of the country is greater than most people suppose, and I fear we can hope for little improvement until the exceutive of mines have the means of procuring the payment of all calls made as promptly as they obtain payment of good bills of exchange—at three days' grace, and are thus enabled to buy everything in the cheapest market, and for ready money.—Sept. 17.

Casii.

WHEAL LUDCOTT, AND ITS MANAGEMENT.

WHEAL LUDCOTT, AND ITS MANAGEMENT.

Sire,—Twelve months have now elapsed since this mine was brought prominently before the public, absorbing all attention, and reaching the fabulous price of 120,0007. for the mine, or 261, per 4800th share. On a caim review of facts and results, it would seem that the whole affair was a complete bubble, and that the serious losses which have been sustained are mainly owing to the delusive reports and promises of interested parties. It is a fact that almost every agent who inspected the mine ridiculed the extreme opinions of its advocates, and the price of shares; but at the time referred to the manager affirmed to many parties that he could see his way clear to pay large dividends, that the shares were cheap at 201, and at that price the mine could pay as seed interest as South Caradon for three years to come. Upon the strength of such opinion and statements, I am informed that many parties at lakecard and elsewhere bought shares at from 201, to 261. Now, let us look to the result:—In October, 1862, a 10s. dividend was paid, and in January another 10s. dividend; but in April there was a sanden collapse to 2s. 6d., and in July all the silver had fied, and there was a loss on the three months' working of 14001. How should this terrible collapse take place in so short a time? There is only one conclusion, and it is this—some parties were cooking the public, and lining their pockets well. But what are the Ludcott shareholders

thinking about now? At the last meeting only one distant shareholder was present. At the next meeting a 10s. call must be made, with every probability that the mine must be stopped in a few months. North Trelawny, the next mine, is stopped, and, as a consequence, Ludoott must take all the water. At head quarters it has been asserted that another bunch of silver may be met with. This is certainly a preity state of affars for those who have suffered so deeply. The idea appears abound, and contrary to analogy. Why do not the shareholders attend the next meeting in force, and have the mine inspected by Capt. Chas. Thomas beforehand, as to its further working and prespects. Wishing that the mine may one day be successfully worked, I say knock it now, or pass it into different hands.

ST. IVES WHEAL ALLEN.

SIR.—In the Journals of the 5th and 12th inst. there appeared an advertisement from Mr. Thomas Carter, of Camborne, offering shares in the above mine at 25s. per share. On both of these dates I wrote to Mr. Carter, agreeing to take these shares; but to this date I have received no reply. I think it right to inform you of this, that the shareholders and others may not be misled by supposing that the shares are being offered as such a price without finding a purchaser. I may add that I hear others have alse written for the shares with a similar result.

[We have received several similar communications from other correspondents.]

Meetings of Mining Companies.

WHEAL GRYLLS MINING COMPANY.

The ordinary quarterly meeting of adventurers was held at the account-ouse, on the mine, on Monday, and was very numerously attended.

Mr. Peter Watson in the chair.

Mr. Peter Warson in the chair.

Mr. Dunsford (the secretary) read the notice convening the meeting, and the minutes of the last were confirmed.

A statement of accounts for the quarter, ending with the costs for June, was submitted, from which the following is condensed:—

Leaving profit balance

The report of the passes texceeded the liantities by 1627. No. 53.

The report of the passes texceeded the liantities by 1627. No. 53.

The report of the passes the consumenced in the back and risen 2 fines, also driven weat in this leaves the passes of the passes the passes of the pas

more tann or or come of the per month, white crysts, what only wenty-tour needs of tamps, returned between 20 and 25 tons per month.

A quarterly dividend of 10244. (11. per ahare) was then formally declared.

The committee of management were unanimously re-elected, with thanks for past services.—The Chainkan acknowledged the compliment in appropriate terms.

Mr. F. Hill (of Heiston), the agent of Mr. Grylls, stated, in reply to a question from

the Chairman, that he believed he might state there would be no difficulty in Wheat Griplis adventurers securing the additions to the sett for which application had been junk. The Rivary and Orgine set had been revoked, such second searce the metallication of the rest of the company of the

month. Therefore, he did trust that the time was not rar distant when this district would resume the activity and industry it displayed in "the days of yore." (Hear.) "The Health of Mr. Dunsford" was the next toast, which was reponded to in a speech of humour and point.

Mr. Dussroun then proposed "The Health of Mr. R. R. Michell." They knew that Mr. Michell was one of the lords, but he had been to them more than a lord. Mines, like individuals, sometimes had periods of difficulty, and when friends were needed. Wheal Grylis had had its period of difficulty, when it found a steady and considerate friend in Mr. R. R. Michell. He are head of difficulty, when it found a steady and considerate friends; but it did require a real diplomatic friend, than whom no better could be found than Mr. R. R. Michell. (Hear, hear.)—The toast was drunk with enthusiasm.

Mr. R. R. MICHELL, in responding, said he had always felt the greatest interest in Wheal Grylis, and all he could say was that he hoped it would be more prosperous than hitherto, of which there seemed every probability, from the favourable prospects which it presented. As regards the tin market, he thought there were better times coming, and that tin would realise a much better price before many months had passed.

Mr. E. COOKE proposed "The Health of the Parser," which was duly responded to, Mr. Durssroun next gave "The Health of the Agents."

Capt. Roosess, in responding, stated that the mine was looking exceedingly well, and he had no doubt they would be able to return during the current quarter 60 tons of tin, which he thought was the best report he could produce. (Hear, hear.) So far as East Grylis was concerned, he fully believed, with time and economy, it would make a mine equal to Grylis. (Hear, hear.) —Capt. Fore thanked the assemblage for having associated his name with the toast. He assured them that the best would be continued to be done to advance the interests of the shareholders both in Grylis and East Grylis.

Mr. A. Benner the gave "The Mining Boke he feared it was in some measure to be attributed to the want of unanimity among the various owners of the land around the Marazion district, and the difficulty in inducing them to believe that it was to their interest to be liberal in their terms—neither endeavour to exact presultums nor to look for exhorbitant dues from those who were willing to embark their capital on speculation to develope the mineral resources of their property. All present to-day might have heard what was being done, and the large quantity of tin that has been and was being returned from this mine. No doubt there were other properties in the same locality that would prove equally as productive in the course of time. He could not help saying that it was through the instrumentality of his friend the Chairman that he first became connected with Wheal Grylls, some two or three years since, and he was glad to say that in a pecuniary sense it had been highly profitable both to himself and friends, some of whom still held, at a comparatively low price, a large interest in the mine. (Hear, hear.)

"The Agricultural Interest" was responded to in graceful terms by Mr. John Buracess, of Barnocose.——Some other toasts having been drunk, the assemblage dispersed.

EAST WHEAL GRYLLS MINING COMPANY.

A general meeting of proprietors was held at the Wheal Grylls account-house, on Monday,—Mr. Peter Watson in the chair.

Mr. W. Watson (the purser) read the notice convening the meeting, and the minutes of the last were read and confirmed.

A statement of accounts, including the July cost, was submitted, which showed a credit balance of 16354. The agent's report was read.

The Chairman said it was 18 months since that he directed his attention to this property, since which period-indictous operations had been carried on in the adit level and other parts of the mine. At the last general meeting, three months aines, it was thought desirable to purchase adequate meachinery for the purpose of effectually developing the property in depth. At that meeting a call of 12 per share was made, and since then a 24-inch cylinder engine, and 30 heads of stamps, &c., had been purchased for \$351. That amount had been charged in the accounts just submitted, as

had also the cost of a boiler, after deducting which, and including the July cost, there remained a credit balance of nearly 1700L, to be expended upon the future development of the mine. As regards the property itself, he could only point with satisfaction to the report just read. From all the information he had been able to collect from the agents and other sources, he thought there was good reason to hope that the day was not fadistant when East Grylls would be in the same satisfactory position as Wheal Grylls.

Mr. R. R. Michael congratulated the shareholders upon the energetic manner in which they had commenced the development of their property, and which, he thought, could not fail to produce the same satisfactory results as its rich neighbour. Up to the present time everything which he (Mr. Michail) had predicted of the mine had been more than verified; and it was his confident opinion that as the property was opened out the results would exceed their most sanguine expectations—in twelve months hence he elieved they would be rapping very ample returns for their outlays. The landlords had readily acquiesced in the wish of granting an addition to the sett, and any further land that might be required would be readily granted.—Mr. Duwsroom thought, from what he had heard and seen that day, that East Grylls was no ordinary speculation. Mr. E. Cooks enquired how many fathoms the shaft had been sunk during the month? Gapt. Rockes replied that in the last month the shaft been sunk 11 fms., and cased. The Chriskam: How long would it be before the engine went to work 7—Capt. Rockes: That depended to a great extent upon the weather; probably, it would be three or four months, in which case it would be five or six months before there was a sale of tin. The report and accounts were then received and adopted.

Mr. E. COOKE suggested that some stops should be taken to recover the arrears of call, as ample time had been given for the payment. Moreover, it was wrong in principle to allow calls in arrear, ——A resolution w

CHIVERTON MINING COMPANY.

CHIVERTON MINING COMPANY.

A general meeting of shareholders was held at the West Chiverton account-house, on Sept. 10,—Mr. Peter Clyno in the chair.

The notice convening the meeting having been read, a statement of accounts for the four months ending with July cost was submitted, which showed a credit balance of 23611. 13s. 6d.

The report of the agents (Capt. J. Juleff and R. Nancarrow) was read, which stated, from what they heard and from their personal knowledge of the mine, they believed their chances of success are good—far beyond the average of speculations—knowling there was a great length of ore ground laid open at the 86 (the bottom of the mine), and west of Murray's shaft, and also at the levels above, the 78, 70 and 60, between Murray's and the engine-shaft (which are 100 fms. aparty, and leaving as they believed some good tribute ground standing, is a matter of great importance. The 60-lin. engine, recently rescled, will enable them to drain the mine, as soon as they can fix the necessary pitwork, &c., and so soon as that is done to go down with the shaft, and prove the value of the bunches of lead driven through at the 86 and levels above, eastward. At West Chiverton (which is about the same depth as this mine) the bottom levels having opened up so successfully induces them to hope and believe they will have a good, profitable, and lasting mine here. The caunter lode has been worked on at the 8, 16, and 24, east of the engine-shaft, and has produced a large quantity of lead, but it has not been seen south of the main lode. They intended driving a cross-cut at the 40 as soon as the water is drained south from Murray's shaft, which is an important point, and where they hoped to make some good discoveries; their reasons for such hopes at this point are strengthened by the knowledge that it was very valuable to the north and east of the main lode. As soon as the plunger is faced and the mine drained to the 30 they would have 11 and 12-in. Higs to spare, which are a suitable size to be fixed in Murray

well very much facilitate the operations in draining the mine to the bottom. They expected to get the mine in good working order to the bottom in six months from this time, but if they find Murray's shaft in good condition, probably it may be done before. A good steam-whim, with capstan attached, has been purchased, and will be erected at once.

The Chainman said in the accounts just presented, which embraced a period of four months ending with Jally, showed a balance in favour of the mine of 380 it, 136, 4—Mr. George Rayran wished to know the amount of the last month's labour cost ?—Mr. George Rayran wished to know the amount of the last month's labour cost ?—Mr. George Control of the said month (July) amounted to 1321, 5a, 6d.—Mr. G. Bayrans supposed that the cost had been chiefly confined to the dropping of the pitwork, and to the driving of the level up to Murray shaft.

Mr. PETER WAYRON presumed that something had been charged on account of the engine.—The Peters replied that the total cost of the engine (1600), had been paid, in addition to which every bill had been charged.—Mr. Geo. Bayrans enquired the time it was calculated it would occupy to drain the mine to its present bottom?—Capt. JULEFF replied that, provided the shafts were in a proper condition, the mine would be perfectly drained in about six months from the present time.

Mr. PETER WAYRON enquired the size of the shafts?—Captain JULEFF replied that Murray shaft was 5 ft. by 2 ft. 9 in., and Cookeney's 13 ft. by 7 ft. 6 in.; those shafts would be equal to any amount of work. The mine was now drained about 9 fathoms below the addit.—Mr. G. BATTERS enquired the depth of the perpendicular shaft?—Captain JULEFF replied that the perpendicular shaft was 5 ft. by 3 ft. 9 in., and Cookeney's 13 ft. by 7 ft. 6 in.; those shafts would be equal to any amount of work. The mine was now drained about 9 fathoms below the addit.—Mr. G. BATTERS enquired the depth of the perpendicular shaft?—Captain value of the shafts.—The cook shafts would be about think when

FORTUNE COPPER MINING COMPANY OF WESTERN AUSTRALIA (LIMITED).

The first annual general meeting of shareholders was held at the com my's offices, Gracechurch street, on Wednesday, Mr. Тномав Gooch in the chair.

Mr. Thomas Gooch in the chair.

Mr. R. Nicholas (the secretary) read the notice convening the meeting. The report of the directors stated that on Dec. 22 has they entered into binding contract with the proprietors of the property for the purchase of the mines on he terms referred to in the prospectus, and in the circular of Dec. 17, 1862; and that up the present time 8000/l. has been paid on account, in addition to the shares agreed pon. The completion of the contract has been retarded by delays in the office of the soletor employed in the colony, but will be effected in due course. In March last the discovering the contract has been retarded by delays in the office of the soletor employed in the colony, but will be effected in due course. In March last the cluster stating that his first report, which arrived by the last mail, is highly satisfactory. Before leaving England Capit. Fenberthy (selected 6 miners, who left in the fastings on April 14 last, and are, probably, by this time at the mines; and, by the same reased, a portable engine with pumping gear and other requisites were sent out. As recards the produce of the mines, on taking to the property it was arranged that 174 tons of copper ore and 61 tons of lead ore, then at Champion Bay, should be handed over to he company on their paying, after realising the same, the cost of raising and carting, 9064, 108. Of this ore, 134 tons of copper have just been sold at Swanses for 25564. 9s. 64.: 150 tons of copper ore and advices have been re-INDEX. 108. Of this ore, 134 tons of copper have just been sold at 8 wanses for 24561, 9s. 6d.: 130 tons of copper ore arrived per Palestine on the 20th ult., and advices have been received of a shipment of about 130 tons per Ismyr. There was also at Champion Bay, on March 31, a small quantity of copper ore, and about 200 tons of lead ore, but the exact amount could not be ascertained, as the re-weighing of the ores recovered from the wreck of the African ware fully insured, and the company will recover the insured amount on the portion lost, and all expenses incurred in re-shipping the remainder.

and the company will recover the insured amount on the portion lost, and all expenses incurred in re-shipping the remainder.

The Chairman, is moving the adoption of the report, said that the report contained all the information the board had to communicate. For himself and colleagues, they had the same condince in the great mineral wealth of the property as when they first took the shares. As soon as they became possessed of the mine an efficient practical party was engaged and sent out to the colony to superintend the operations at the mine, and also a number of Cornish miners, the machinery, and the other necessary appliances for the development of the property. He might remind his fellow-shareholders that they had not become possessed, as was often the case, of a mine that had been worked for 100 years, but of one that had proved itself valuable, and the recourses of which could be developed speedily and economically.—Mr. Nicholas (a director) seconded the proposition.

Mr. Wilkinson enquired if the directors had been advised as to the settlement of the property to the company ?—Mr. Partison (the solicitor) explained that no advices were received by the last mail. The cause of the delay was explained in the directors report. The solicitor in the colony had been instructed to forward the necessary statements, upon the receipt of which the settlement would be completed. He did not apprehend there would be the least difficulty.

Mr. Wilson objected to the form in which seme items in the accounts were presented, and contended that they should have been more amplified. He also understood that the vendors were to have paid the whole of the preliminary expenses.

The Schictron could not see how the hon. proprietor had made that mistake, when the

prospectus distinctly stated the expenses up to the time of the registration of the company would be defrayed by the vendors. It was hardly probable that any vendor would agree to liquidate any preliminary expenses that might be incurred after registration. Mr. Witzon said that from 1859 till the property came into the possession of the company a considerable quantity of ore was raised and sold at Swansea; but so far as the accounts went, it did not appear that since then any ore had been sold.

The SEGERTARY explained that up to the present time the manager had been unable to send home a regular balance-sheet, but all those matters would be attended to during the current year.

The CHAIRMAN, in answer to a question, stated that the board had rather discouraged any exertion to dispose of the unallotted shares, upon the ground that, believing the property to be of great value, the fewer the shares issued the better would it be for the shareholders. He faily believed that is twelve months hence a very different state of affairs would be presented.——Mr. F. Moore said he had recently received a private report, which he had, no doubt, would induce the purchase of a large number of shares.

The CHAIRMAN said a remark had been made by a hon, proprietor to the effect that no ore had been sold since the mine had come into the possession of the company, whereas the fact was that the production from the mine since that period would nettosomething like 10,000. The reason no account of any of it appeared in the balance-sheet was because, although sold, the money had not been actually realised.

Mr. WILKINSON, who had lived many years in Australia, referred to the favourable position of the company's property for supplying the China and Indian markets with lead. He believed the property would produce most satisfactory results.

The SEGERTARY then read a letter which had been received from Captain Pemberthy, the company's mine agent, which was to the effect that the geological position of the property could not be surpassed,

GREAT WHEAL VOR UNITED MINING COMPANY.

The ordinary quarterly meeting of shareholders was held at the company's offices, Gresham House, on Wednesday,
Mr. George Noakes (managing director) in the chair.

The ordinary quarterly meeting of shareholders was held at the company's offices, Gresham House, on Wednesday,

Mr. George Noakes (managing director) in the chair.

Mr. Truran read the notice convening the meeting, and the minutes of the last were read and confirmed.

The Charman said, before making any remarks, he would submit the reports of the committee of ganagement and the agents, as follows:—

The committee have the satisfaction to announce that great and important improvements have resulted from the operations in the western ground since helding the last general meeting. A splendid course of ore has been opened upon at Ivey's shaft, which has materially increased the value of the mine. The committee, in their last report, referred to the promising indications then evident at the shaft; the result of the development, so far, has exceeded their most sanguine expectation. The lode at the shaft is compact, strong, and well defined; and, for the length of the shaft, is worth over 2001, per fathom. The ends, driving east and west from the shaft, at the 147, are very productive, the western end being worth about 501, and the eastern end worth over 1004, per fathom. Should this fine course of ore hold out in length and depth as it now promises, Wheal Metal may become second to none in the county. The energy which has been so well rewarded for the speedy sinking of the shafts and extending the levels, will be maintained. The utmost effort will be made to bring down Ivey's shaft as quickly as possible, in order to prove the ground below the 147. The 100, west of Ivey's shaft, looks promising; and now that the mine is in sposition favourable for the operation, the sinking of Edward's shaft will be resumed, in order to explore the ground still further west; for, as the committee have before observed, they rest their confidence in the future success of the mine mainly on the development of the long run of whole ground west of Ivey's shaft; and this will be carried out with the atmost vigour. Hitherto, all the produce

£7245 16 11

Balance (cash and bills).....£5698 18 1
The account stands this day as follows:--

Ivey's shaft, the lode is 2½ feet wide, and worth 45L per fm.; there is a great deal of water flowing from this end, which shows very good indications of a large continuous lode. We are preparing to sink Edward's shaft below the 60, as the water is drained from it by driving the 100, west of Ivey's shaft; it is a very important point to get this shaft down to communicate with the 100 as quickly as possible, for the purpose of ventilation, and exploring the western ground. The stopes in back of the 162, east and west of Metal shaft, are worth about 26L per fm., and also the stopes in the 142 and 152 are looking very well. Our tribute department is looking much the same as it has for some time. All our machinery throughout the mine is in very good repair, and working very well. We are getting on very well with the building of the new enginehouse for the 25-in. engine, and hope to have it completed by the end of naxt month, to commence to fix the engine; we should have completed the house before if we could have got masons. We shall sell to-day about 31 tons of tin for the last month.—T. Gill, F. Francis, S. Harns.

have got masons. We shall sell to-day about 31 tons of tin for the last month.—T. Gill., F. Francis, S. Harners.

The Chairman said, if relief from anxiety, and a large measure of hope realized be happiness, he was happy. Some of the shareholders could recollect the days when there was reason for great anxiety, for they had passed through a great deal; and upon this occasion he must say he first great grainfleation in being the medium of presenting reports which could not bot be considered highly satisfactory. What measure of success they might eventually attain he could not say; they had, however, already achieved a large amount, and were progressing steadily and prosperously. During the last flws years he had often on these occasions placed before the shareholders the portraits of patience and hope under various tints of colouring—patience always pointing to perseverance, and hope to courage; and by perseverance and courage a great many difficulties had been overcome, and a period had now arrived which he thought gave every assurance that Wheal Metal would prove a large and valuable property. The opinion of the property among miners generally was most encouraging; but mining was an enterprise that required an immense deal of time, labour, and patience; and although they had addressed comparatively a large measure of success, he thought they were at present but upon the threshold of the success which was yet to be achieved. (Hear,

hear.) It was a very general opinion that the ground going west would be found very predoctive, and he must confess that he shared largely in that opinion. It was true predoctive, and he must confess that he shared largely in that opinion. It was true predoctive, and he must confess that he shared largely in that opinion. It was true with the property of the predoction that it would be second to none in the county of Cornwall. If he expressed himself more hopefully than usual upon the present occasion, it was because one point had been attained towards which they had been looking forward for a long period, and because it had been attained towards which they had been looking forward for a long period, and because it had been attained towards which they had been looking forward for a long period, and because it had been attained towards which they had 300 fathoms of whole ground, which, per se, was enough to make as large mine. The 162 had been driven through a lode for 54 jistatoms in length, of an average value of 560. per fm.; and now the 174 was being driven; and although the lode in that level, at the present time, was not very rich, there was reason to believe that, when the level had been extended under the rich through the second that the product of the predoction of the product of the product of the predoction of the predoction of the product of the product

TRUTH'S ECHOES, OR SAYINGS AND DOINGS IN MINING.

only hope they would all live to snare in the success of the undertaking. (Hear, hear.) The proceedings then terminated.

TRUTH'S ECHOES, OR SAYINGS AND DOINGS IN MINING. The Mining Share Market has been very inactive the past week, and but for the transactions in connection with the settlement would have appeared more than ordinarily dull. The usual fortnightly account was held on Wednesday, and passed off satisfactorily, the settlement being rather light.

Serous have been enquired for at lower rates.—CLIFFORDS continue in fair demand, and are a little firmer.—East Bassers have fluctuated, but left of steadler and more in request.—Cank Bileas have been sought for at buyers' prices.—SOUTH CROPTY and Anolizes have been rather largely dealt in at each of the state of a sightly firmer.—Great South Tologo have been rather largely dealt in at eight of slightly firmer.—Great South Tologo have been make largely dealt in at eight of slightly firmer.—Great South Tologo have been make largely dealt in at prices improved, with scarcity of shares.—North Graatest and Gavarden consequent on a great improvement in the shaft, worth 1301, per fon.—North Roskea and Cook's Kitchen are rather quiet at present prices.—North Chorty and Wheal Cook's Kitchen are rather quiet at present prices.—North Chorty and Wheal Cook's Kitchen are rather quiet at present prices.—North Chorty and Wheal Cook's Kitchen are rather quiet at present prices.—North Chorty and Wheal Cook's William Kitchen and North Doucoart are less dealt in, but maintain their quotations.—Poliseans continue to find buyers at fair market rates.—North Wheal Cook and the state of the mino thaving created an active enquiry for the shares.—Great Whall Fortuna Wheal Cook and the state of the stat

fathom.—At UNITY the 40 west continues as productive as last reported, the lode maintaining its size and value. The shaft is down about 2 fathoms below the 40, where the lode carries some good stones of ore, and presents appearances of an early improvement.
—Cambons Varat : An improvement has been reported to have taken piace in the shaft, which is down 6 fms. below the 242. There is a leader of this from 9 in. to 12 in. wide, valued at 1301, per fathom for the length of the shaft.—Sr. Jurt Consola: The operations, both at surface and under ground, are going on as rapidly as labour can perform. The sinking of Lindo's shaft, and the driving of the deep adit to get under, it are progressing autisfactorily. When this work is completed a long run of in ground will be laid open, and quantities of rich tinstail will be raised and the returns increased. The eraction of the water-wheel to develope Casley's lode is going on rapidly, which, when at work, will greatly increase the returns. Although these necessary and preparatory operations take time, there is no doubt of the ultimate result.

WHEAL PROSER (Breage) is represented as looking more encouraging, in the western part of the time especially. They have just commenced taking down the lode in the 40, which has been productive of some good work for tin for 15 to 20 fathoms in length, and is expected to yield some profitable work. They have sunk on the new lode a shaft 7 to 8 fathoms from surface, which is 2 feet wide, of 's most promising character, carrying a large quantity of gossan, which in that neighbourhoot has seldom failed to make large deposits of copper ore.—Grara Whiral Von is resported to have considerably improved in aimost every point of operation in the mine, where they have now, as formerly, some extraordinary rich courses of tin. From present appearances there is every probability of largely increased sales, and becoming a permanent and profitable mine.

EAST WHEAL LOVELL.—This mine continues to look remarkably well, and the lode in the shaft, as we is is reported to be looking more than a ig mine. The prospects are of a most en

racter, and additional stamping-power is in course of erection. The quantity of tin during the past quarter has doubled the previous, and a further increase is antici-de for the ensuing. At the meeting, on Wednesday, a call of 8s. was made, to dis-age existing liabilities.

JAMES LANE.

From Mr. George Batters:—The market for Mining Shares has, during the week, been very quiet. Fluctuations in prices have been unimportant, and no great discoveries in mines have taken piace. Curronns have been dealt in to some extent, and after remaining firm at 34, buyers, close weaker at 33%, sellers. East Caradons free from fluctuation, and very few transactions have taken piace in the shares; the report is rather less favourable. The report from Wheal Skrow is good, but shares have not moved. North Croptys have sprung into demand, and have risen to 4½, buyers; the sale of tin for the month realised 5441, it he prospects are good; the engine-shaft is down 8 fathoms below the 170. Ktryt (St. Agnes) rose to 8%, 6%, and are now 3½ to 8½. At the meeting, to be held in about a month's time, a dividend of 5s. per share is expected to be declared. The sales of tin are large and increasing. Trincropts continue in favour as an investment share. Cara Brara se sought after. This old and great mine may be expected shortly to resume payment of dividends. The Chiverton meeting, held on the mine, was largely attended. The accounts show acredit balance of 33614. 13s. 6d., after paying for engine, &c.; the prospects are good. It is proposed to drive a cross-cut at the 40 fm, level, near Murray's shaft, to cut the caunter lode, which was very productive at that depth east, and is wholly unworked west. These shares at 7½ are good to buy. West Chiverton sale of or realised 20444. An improvement has taken place in the 70 west on Elizabeth lode, and also on William's lode. Shares in demand at 33s., and difficult to obtain. Darage Walls have risen to 38s., 40s. A dividend will be paid at the next meeting. Shares are deserving of notice. West Wheak Kitty, 10s. to 12s. 6d.; is a promising young mine. Baya Gwood, Long Rake, and Billians are opening up well.

inoprovement has taken place in the 70 west to Elizabeth 1954, and allow on Withdam 1966. Shares in demand at 383s, and difficult to obtain. Drake WALLA have risen to 38s., 40s. A dividend will be pall at the next meeting. Shares are deserving of networks were Wallack Kuttr, 10s. to 13s. doi: is a promising young mine. Bat's Gwood, Lose Bak's, and limites are opening up well.

From Mr. EDWARD COOKE:—The market is gradually improving, and it is very probable that in the course of a few weeks there will be a very active business doing, when prices of all good progressive and dividend mines will estuate the standard both for tin and copper was slightly declined, but, from the standard both for tin and copper was slightly declined, but, from the standard both for tin and copper was slightly declined, but, from the standard both for the new passes and the standard both for the new passes and the standard both for the new passes and the standard both for the pass quarier was declared, with an increased balance of some expended in plant for the same period. Everything connected with the working of this mine is of such a legitimate character that nothing more need be said about it. The mine is divided into 1024 shares only, and if it were in double the number probably the price of the shares would not not be much less than it is now. West Cuttarrows I doing exceedingly well. The leaf raised during the past mooth nas and all the past of the standard passes and the standard passes are standard to the standard passes and the standard passes and the standard passes and the standard passes and the intention is to form a working capital of 6000/, at the commencement. I believe that if double the amount were required it would be immediately adjoining the western part of West Chivefron has been taken up, and seeing that the lead in the former mine dips in that direction, it is considered that by a very moderate development it will become qual in value to Wheal Chivefron. It will be brought out of the passes and the intention i

FOREIGN MINES.

St. John del Rey.—The directors have received, by telegram from alsoon, the following report, dated Morro Velho, August:—Produce for July, 40,017 olts.; ost for ditto, 99601.; profit for ditto, 54781. Produce ten days of August, 11,457 olts.;

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FOREIGN MINISS.

Sr. Jours DEL Rev.—The Glob of returns amount to 12 to ton 15 even, at an average samp of the control of the

an orey lode. We have driven the 20 fm. level east, on north lode (No. 2 shaft), 3½ vrs. in July. We have since suspended operations in this level for the present.—Stopes: In July, two men stoped in the roof of the 30 fm. level; twenty men between the 30 and 40 fm. levels; and fourtheen men between the 40 and 50 fm. levels; or together thirty-six men. The stoping in August was carried out by twenty-three men, between the 30 and 40 fm. levels, and twelve men between the 40 and 50 fathom levels, or together thirty-five men.—Produce: The ores entered into store for July and August amount to 202 tons.

30 and 40 fm. levels, and twelve men between the 40 and 50 fathom levels, or together thirty-fwe men.—Produce: The ores entered into store for July and August amount to 502 tons.

LUSHTANIAN.—T. Chegwin, Sept. 8: Palhal Mine—Basto's Lode: In Taylor's, the lode is worth 4½ tons per fm. In the 70, west of Taylor's, the lode is small and unproductive. In the 70, east of the same shaft, the lode is verth ½ ton per fm. In the 60, west of Taylor's, the lode is worth 1 ton per fathom. In the 30 fathom level, west of Taylor's, the lode is worth 1 ton per fm. In the 35 fm. level, west of side lode, the lode is mall, but yledding good stones of ore. In the 38, west of the same lode (side) the lode is 1 ft. wide, composed of quarts and stones of the country, with stones of ore. The lode in the 18, west of the side lode, is 1 ft. wide, unproductive. In the 8, west of Peres' shaft, the lode is 1 ft. wide, worth 3½ ton per fm. The rise above 18, against Perez shaft, is blood to the 8. We have now to lengthen it to get it ready for drawing through. The lode in River shaft, below the 60, is worth 1 ton per fm. In the stopes No. 2, above the 80, east of Joaquin's winze, the lode is worth 13½ ton per fm. In the stopes No. 2, above the 60, east of Joaquin's winze, the lode is worth 13½ ton per fm. In the stopes No. 4, east of Francisco's winze, the lode is worth 13½ ton per fm. In No. 5 stopes, east of Patriclo's winze, the lode is worth 13½ ton per fm. In No. 5 stopes, east of Patriclo's winze, the lode is worth 13½ ton per fm. In No. 10 stopes, west of Francisco's winze, the lode is worth 13½ ton per fm. In No. 10 stopes, west of Francisco's winze, the lode is worth 13½ ton per fm. In No. 10 stopes, west of Francisco's winze, the lode is worth 13½ ton per fm. In No. 10 stopes, west of Milliode, the lode is worth 14½ ton per fm. In No. 10 stopes, west of Milliode, the lode is worth 15½ ton per fm. In No. 10 stopes, west of Milliode, the lode is worth 15½ ton per fm. In No. 10 stopes, west of Milliode, the lode is worth 15½ ton p

valinal Mine: The lode in the plat below the 20, west of incline shaft, is worth 1/5 ton per fm. The lode in the stopes above the 20, east of incline shaft, is worth 1/5 ton per fm. In the 20, cast of the same sbaft, the lode is 2 ft., wide, composed of quarts, with stones of load and blends.

CENTRAL AMERICAN.—We are glad to inform you that our various mining operations have progressed satisfactorily throughout the month, but owing to the continued scarcity of native labour we have not been able to increase the monthly sampling, the returns for the current month being somewhat less than those of June.—San Pantaleon Mine: Cornubla shaft is now 9 fms. under San Felipe, or the 30 fathom level; the lode here is 18 in. wide, composed of flookan and calcareous spar, carrying with it, sgainst the hanging or south wall, a branch 3 in. In which, which will produce 4 cwts. of rich silver ore per fathom; this ore branch is improving, both in size and quality, as the shaft is being deepened. The ground continues very hard at Taylor's shaft.—Dolores: In a stope from the back of this level the lode is 15 in. wide, yielding 4 cwts. of good quality silver ore per fathom. San Juan, or 10 fm. level, under Dolores' No. 5 winzs, sinking from this level, east of No. 2 cross-course, has been sunk during the last week! I vara, by four men, at 57% per vara; the lode here is still large, with an improving appearance, and is at present producing 4 cwts. of good silver ore per fathom. Nothing further has been done in No. 7 stope from the back of this level. In No. 3 stope, from the back of the same level, east of cross-course, the lode has very much fallen off since last report, and is now comparatively poor, being 18 in. wide, composed of flookan and spar, mixed with a little silver cre. We have commenced stoping in the bottom of this level from two points during the month; the first is situated just under Nos. 2 and 3 stones, from the back of the same level, where the lode is 18 inches wide, and bower of the same level, such lones is

by low men, 22 and 1 and 22 and 1 and 22 and 24 and

ore to the fathom; ground easier for driving, and letting down a great deal of water, which, if it continues as at present, will soon leave the 43 quite dry, and also attrought indicates a loss and productive looks between these two levels. The 45, south of Lagra, abade, has been driver by fins. through a good course of our from 26 to 15 to

TRACTION-ENGINES FOR THE YUDANAMUTANA MINES.—The Orient has brought out three traction-engines and a large quantity of other machinery, consigned to the Yudanamutana Mining Company. The consignment consists of three 10-horse power traction-engines complete; 24 wagons, capable of carrying 5 tons each; four travelling houses, and a quantity of spare machinery in case of accident. They are from the establishment of Messrs. Aveling and Forter, machinists, of Rochester, in which town the engines have been tried with a successful result. The Orient will discharge this consignment at Fort Augusta, and it is expected that the engines will be in operation within a formight after landing. The engineer, Mr. John Anthony, brother to Capt. Anthony, of the Blimman Mine, arrived by the Great Britain, and the sub-negineer and 10 men, who, we believe, assisted in making the engines, have come out by the Orient. The engines and wagons, as we mentioned some time ago, will be used to convey theore from the mines to Port Augusta, between which termini the country is very well adapted for them. It is expected that they will travel at a uniform speed of five or six miles an hour, and houses for the accommodation of the men will form part of the train, so that they may be able to travel during the night when moonlight, the men taking turss, as on shipboard. This spirited enterprise is worthy of great praise, and we trust that the success which it deserves may be realised.—South Australian Register, July 25.

The traction-engines for the Yudanamutana Company have arrived by the Orient, which is now unloading the portion of her carge for Port Adelaide, and afterwards will proceed to Port Augusta with the engines. They are expected to be on the road the early part of September. The read to and from this company's mines is quite alive with the drays bringing in the copper ore. There is at present a large quantity of ore at grass, and the workings are being extended so as to have a sufficient supply for the engines, and to keep the drays f

By the last mail from Chili we have accounts of extraordinary discoveries

By the last mail from Chili we have accounts of extraordinary discoveries in some of the mines, both for gold and silver. The Descubridora Gold Mine is not far distant from the Checo Mine, which is being worked by the Copiapo Mining Company. The following is an extract from the Valparaiso paper with reference to these discoveries:—

"We have some extraordinarily good accounts to give of some mines in the North of the Republic. In the silver mines Loreto-y-Dolores Tercers the metal is said to be found in a pure state, and in such abundance that the owners can extract as much as they like. Respecting the gold mine Descubridora de Remolitons, a Copiapo newspaper says—"The richness of this mine, belonging to Sr. Torre Biance, is such as to form an epoch in the annuals of our mining business. We are informed that the principal vein is about 2 metres wide, with ramifications on both side; the depth cannot yet be ascertained. As the working of it progresses its proportions increase, and the quality gets better and better. The best ore gives about 2000 marcs to the cajon, or 44 quintals, which is equal to about \$280,000, and the very lowest descriptions yield 100 to 200 marcs. The bankers will find themselves rather short of money when Sr. Torre Blanco asks them to buy a small quantity of gold—some 10 or 20 quintals. It is said that he has the peculiar idea that he will not realise any till he has extracted about 2 or 3 cajons of the best ore, which, together with some 40 quintals aiready taken out, will, when smelted into bars, be of so great a value that hardy any house in the country would be able to pay cash for it. Tradition places the discovery of this mine so far back as to the past century, when it was the property of a Don Pedro Frags, who got enormous wealth from it. As the mining version runs, the gold contained quartz, instead of as ordinarily is the case the quartz containing gold. It is said that this Sr. Frags astordinarily is the case the quartz containing gold. It is said that the Sr. Frags and contain

British Columbia Gold Fields.—Accounts from Victoria, Vancouver's Island, to July 21, give most encouraging particulars. The Beatty Company are taking out from 80 to 120 css. per day. Moffatt Company took out 90 css. yesterday, and 120 css. the day previous. The Never-Sweat Company continue to take out between 80 and 90 css. a day. The Watty Company is paying 100 css. per day. The Baid Head Company's ground continues to pay as richly as ever, averaging over 100 css. per day. The first week up to June 14 they washed out \$12,900; the larguest amount taken out in one day was 188 css. Their average expenses of working one shaft is \$1000 per week, and they expect to take out from \$15,000 to \$20,000 per week from the present and another shaft which they will soon be working.

CANADIAN GOLD MINING .-- The Quebec News states:-"Wo hear that CANADIAN (rOLD MINRO,—Ine Queoec News states:— "W3 h a great rush has been made for the gold mines in the county of Beauce, about from Quebec, and that at present there are upwards of 1000 people at the diggin are said to be exceedingly rich. The gold district extends over a distance of Again, the same paper states:— "The reported richness of the gold mines in t diere is more than verified by persons who have arrived in town with specim deposit. A gentleman from Ottawa, who went to visit the locality, showed us deposit. A gentieman from Ottawa, who went to visit the locality, showed us yeaterday some fine nuggets, weighing nearly an ounce of pure gold; and he informs us that lumps much larger in size have been washed from the banks. About 200 persons were at work, and others were flocking to the place. With a second California at our door, it is strange how little excitement it creates. We learn from the Lower Provinces, too, news of the yield of the gold. A correspondent writing from Sherbrocke, St. Mary's, under date of Aug. 16, states:—Five tons of quarts from the Cumminger lead were taken off and crushed last week, and yielded 50 sez. of the precious metal. This is the product of after men's labour for six days, at a depth of 15 ft. from the surface. The quartz was not picked, but sent to the crusher as it came from the lead, which is a large one, and easily worked."

picked, but sent to the crusher as it came from the lead, which is a large one, and easily worked."

An artificial system of fecundating grain, the idea of a Dutchman, has been lately brought before the notice of the French Government. Experiments have been tried, and found remarkably successful. The process is merely steeping a long pice of fringe, or some such like piece of manufacture, in honey (no doubt any other less expensive saccharine matter will do as well), and dragging the same over the standing corn when the pollen is ripe: thus at once easily effecting impregnation.

THAMES TUNNEL COMPANY.—Receipts for the week ending Sept. 12, 584. 11s. 9d.; number of passengers, 14,061.

LONDON GENERAL OMNIBUS COMPANY.—The traffic receipts for the week ending September 13 was 11,0034. 7s. 10d.

HOLLOWAY'S PILLS—COMFORT FOR THE AFFLICTED.—When the blood becomes impure through breathing foul air, or through the imperfect performance of any bodily function, the greatest benefit will be derived from these pills, whose purifying, alternative, and tonic virtues are too well known to need any commendation here. After taking a few does a marked amendment will be felt from day to day: the appetite will grow better, the stomach stronger, the liver wholesomely active, and the bowels maturally regular. While taking these pills there is no danger of catching cold. They have the rare and valuable property of completing their salutary purpose without involving the necessity for the habitual employment of purpatives. Holloway's pills noither gripe nor produce other unpleasante flocts.

Mining Correspondence.

BRITISH MINES.

BRITISH MINES,

a much as last reported, producing from 16 to 20 cwts. of silver-lead ore per fathorn.

We have get a cargo of ore ready, and shall ship it as soon as we can get a vessel.

BOSCA WEN.—T. Trelease, R. Gilles, Sept. 15: The lode in the 80, driving west of

Honter's shalt, is 1 ft. wide, worth 71, per fins., with a kindly appearance, and likely to

mprove. The lode in the 10, driving west of said shaft, is 18 in. wide, worth 81, per

fathorn; the lode in this level, driving west of Kitelee's shaft, is 2 ft. wide, composed

grincipally of capel, containing spots of copper cre. The lode in No. 1 winze, sinking

solow the 80, west of Hunter's shaft, is 2 ft. wide, worth 25, per fm. The lode in the

80, driving west of the above shaft, is 1 ft. wide, worth 25, per fathorn; the lode in this

swel, driving east of No.2 winze, is 18 in. wide, worth 35, per fathorn; the lode in this

lode yet intersected in the cross-out at this level. We consider to copper ore. No

lode yet intersected in the cross-out at this level. We consider the prespects of this

mine have improved during the past week.

BOTTLE HILL.—J. Eddy, Sept. 14: Main Lode: We have been stamping from the

lode east and west of Williams's shaft from the back of the 12 for the last week past, and

the work stamped has turning out better work for tin, and the lode larger, now 10 ft.

with a many properties of the lode east and west of shaft, in the 12, is without alteration

since last reported. We have commenced burning tin for our next sampling, and shall

sample as soon as possible.

BEYN GWIGG.—J. Evans, Sept. 15: The 90 east and west does not look quite so

the work stamped has turned out equal to expectations; as far as I have seen of the iode ishink it will not only pay, but leave a profit to the adventurers. The stopes east and west of Viger's shaft are turning out better work for tin, and the iode ingreer, now 10 ft. ride.—South Lode: The lode east and west of shaft, in the 12, is without alternation in the log in the property of the lode in the log is a soon as pessible.

BRYN GWHOC.—J. Erans, Sept. 15: The 90 east and west does not look quite so will—the 90 west is valued at 2 tons per fathom, cast at 2½ tons per fathom. The run in the winze below the 75 east is worth 3 tons per fathom. The run in the winze below the 75 east is worth 3 tons per fathom. The run in the winze below the 75 east is worth 3 tons per fathom. The run in the winze below the 75 east is worth 3 tons per fathom. The run in the winze below the 75 east is worth 3 tons per fathom. The run in the winze below the 75 east is worth 3 tons per fathom. The run in the winze below the 75 east in worth 3 tons per fathom. The run in the winze proved to 3 tons per fathom. The run in the winze proved to 3 tons per fathom. The run in the winze proved to 5 tons per fathom. The run in the winze proved to 5 tons per fathom. The run in the winze proved to 5 tons per fathom, as a system of the 10 fm. level, 27 fms. from surface. This week we are making very good progress in sinking. The strata contain sulphur, branches of barytes, and a little quarrie, which I consider highly congenial to lead ore. We shall accomplish the sinking, and intersect the iode in a short time, when I hope to find it well charged with ore.

CAMBRIAN CONSOLIDATED (Gold).—T. Martin, W. H. Pascoe, Sept. 16: I nour least we informed you of a breakage in our lift. of pumps; this has been repaired, and we are now again in course of sinking in No. 6 lode. A communication has been completed from the engine-shaft to the old sink, and have now commenced stoping the bottom. As yet we can see no visible gold; but the kindly appearance of the l

the market with considerable quantities of our valuable produce. The mine in all its parts is looking remarkably well, and bids fair to become, at no very distant day, a decided success.

CARDIGAN CONSOLS,—J. Sanders, Sept. 12: In my letter of the 11th of May last I promised to get 100 tons of ore ready for sale in six months from that date, but I am glad to inform you that yesterday (being four months from the above date) the ore was drassed, and I believe a few tons over. We have about 20 tons of it to carry to Aberystwith, which I hope to get there some time next week. There is no change to notice at any of the points of operation since my last report.

CEFN CHAEN.—W. Davies, Sept. 17: Engine-shaft: The 120 yard level, driving west, is hard for progress, producing a little ore: ditto east is worth 2 tons per fathom. At Susan's shaft the air-pipes are all completed to the forebreast end, and the men have commenced driving; the look is 2½ ft. wide, composed of spar, blende, and large stones of lead ore, and kindly for a very great improvement; this driving will be carried on with all possible dispatch by eight men, as we consider this a very important part of the sett. All other parts of the mine are without alteration since last report.

CENTRAL MINERA.—W. Davies, Sept. 17: At the western shaft the drivings east and west are progressing as fast as the nature of the ground will admit; the ground up to the present time continues hard, and clitting out more water; we expect a change in the ground for the better very shortly.

COPPER HILL.—J. Inch, Sept. 12: Michell's Lode: The 80 east produces stones of ore; and No. 3 winze produces stones of ore, the stope in the back of this level is worth 3 tons of ore per fathom. No. 1 winze, under the 70, is worth 40, per fm. for copper ore,—Stevens's Shaft: The 70 west is worth 40 ton per fm. The 50 west is worth 4 ton per fm. No other change to notice. C

CROWLWM.—J. Roach, Sept. 17: The cross-out is extended south about 30 fms. towards the Bryntail north lode, but it has not yet been intersected; from the bearing of the lode ascertained, where it is opened upon, we are near the line of it; we, therefore, expect to intersect it weekly. We are nearly as far south as the place where it is said they found the stone of ore 11 cwts. some years ago.

CUDDBA.—F. Puckey, E. Danstan, Sept. 17: In the stope in the back of the 60, west of Walker's shaft, the lode is 6ft. wide, worth 12l, per fm. In the 75 west we are still diving in the killas under the lode. In the stope in the back of this level, west of the winze, the lode is attill worth 22l, per fm. In the winze sinking below the 75 west there has been no lode taken down during the past week. In the 90 west the lode is 3 ft. wide, producing saving work for the stamps. In the same level east the lode is from 2 to 9 ft. wide, worth 16l. per fm. In driving the cross-out, north of the 105, the ground is favourable for progress.

CWMBRANE.—J. Foliard, Sept. 17: The lift is complete, and the shaft being sunk bysix zens, at 14l. 10s. per fm., producing 1 ton of lead. The 50 north is producing stones of ors. The stope below the 50 produces 10 cwts. per fm. The vince place of the 50 north is producing stones of ors. The stope below the 50 produces 10 cwts. per fm. The vince place with 50 produces 10 cwts. per fm. The vince place with 50 produces 10 cwts. per fm. The vince place with 50 north is producing good atones of lead.

DALE.—R. Ninese, Sept. 17: Having had such a quantity of cheri to contend with, and the shaft so much wetter from the heavy ratins, we have not been able to sink more than 6 ft. since my last report. The shaft is now down 97 fms. below the surface.—F.S. The water in the old mine is down to the 43.

DEVON AND CORNWALL UNITED.—T. Neill, Sept. 15: At George and Charlotte the lode in the 12, each of shaft, is looking promising, and producing good atones of ore, The lode in the size and in the total producing

mundic, and good spots of ere. In the adit cross-out, south of new shaft, the ground is moderately easy.

EAST TRESKERBY.—J. Nancarrow, R. Knuckey, Sept. 15: The lode in the 55 west is improving; it is larger towards the bottom of the end, and yields good stones of ore. The lode both above and below the 40 is not altered since the last report. The ground in the 40 north continues moderate. The east shaft is cleared down to what appears to be the back of a level, about which we expect to report something in a few days.

EAST WHEAL FALMOUTH.—WM. Hancock, jun., Sept. 14: The lode in the winze sinking under the 14, west of engine-shaft, is 3 ft. wide, producing 2½ tons of jack perfathom, with good stones of tin and copper. Other places are much the same as last reported on. We sampled on Saturday last 15 tons 17 cwts. 3 qrs. of tinstuff, which will be sold on the 19th inst.

EAST WHEAL GRENVILLE.—G. B. Odgers, W. Bennetts, Sept. 16: The lode at the engine-shaft, sinking below the 65, is full 3 ft. wide, producing some very good ore, worth for inspit of shaft from 4 to 5 tons to the fm. The lode in the 65 east is fully 3 ft. wide, producing ore, a little tin, and mundic, worth 2½ tons per fm. The lode in the 65 west is 2 ft. wide, yielding some very good ore, worth from 1 to 1½ ton per fm. In each of these places there is a highly promising lode. There is no alteration in either of the cross-cut, the lode is from 1 ft. to 15 in. wide, worth nearly 1 tou to the fm. The lode in the 45 west are worth from 8.t. to 10. per fm.—North Lode: In the 45, east of cross-cut, the lode is from 1 ft. to 15 in. wide, worth nearly 1 tou to the fm. The lode in the 45 west is 2 feet wide, yielding some very good bilster copper, worth 1½ ton to the fathom.

EAST WHEAL RUSSELL.—J. Goldsworthy, Sept. 12: In the 120, east of Vigar's

The local in the atthem.

LAST WHEAL RUSSELL.—J. Goldsworthy, Sept. 12: In the 120, east of Vigar's cross-cut, a cross branch has been met with to-day, which appears to have lessened the value of the lode for the time. I shall be able to say more as to its effect in a day or two

Two encounters were as an experiment of the country 2d, per fin.; 10 west, 14.—2 south Lode: The 60 east is worth full 15., per fathour, 10. per fin.; 10 west, 14.—2 south Lode: The 60 east is worth full 15., per fathour, 10. per fin.; 10 west, 14.—2 south Lode: The 60 east is worth full 15., per fathour, 10. per fin. To west, 14.—2 south 15. per fin. The 60 east is worth full 15., per fathour, 10. per fin. The 60 east is worth full 15., per fathour, 10. per fin. The 60 east p

very promising character; set to four men, at 44. 10s. per fm.; we have also set to drive the level, west of cross-course, on this north lode; so far as seen it is producing some good ore; it is still in the cross-course, and we shall be able to give more information in our next report; set to four men, at 44. per fm.

GREAT TREGUNG CONSOLS.—Wm. Richards, Sept. 17: The lode in the 22, west of Hobler's shaft, is 3 ft. wide, containing quartz, capel, iron, flookan, mundic, and I am giad to say a little saving work for copper ore, and in consequence of an improvement in its general character, we have considered it advisable to continue the driving until the end of the current month before we commence the proposed rise referred to in my last.

GREAT WHEAL BUSY.—T. Trelease, J. Petherick, E. Richards, Wm. Trelease, Sopt. 15: The lode in Harvey's engine-e-sheft, sinking below the 130, is without change since our last report. The lodes in the 130, east of said shaft, is off. wide, worth 301, per fathom; it leads the sit is level, east of said shaft, is off. wide, worth 130, east of the latter shaft, is till disorfered with the elvans, producing a little in, but not of much value. The lode in the 110, east of Offord's, is 3½ ft. wide, worth 81, per fm. The lode in the 110, east of Offord's, is 3½ ft. wide, worth 81, per fm. The lode in the 110, east of the latter shaft, is the worth 81, per fm. The lode in the 110, east of the latter shaft, is 6 ft. Nice, worth 81, per fm. The lode in the 110, east of the latter shaft, is 6 ft. Nice, worth 81, per fm. The lode in the 110, east of the latter shaft, is 6 ft. Nice, worth 81, per fm. The lode in the 120 men shaft is a present small and unproductive. The lode in Nicholis's winzes sinking below the 100, east of the latter shaft, is 6 ft. Nice, worth 81, per fm. The lode in the 120 men shaft is sinking latter with 81, per fm. The lode in the 120 men shaft is sinking latter with 81, per fm. The lode in the 120 men shaft is sinking in favourable ground and weak, and I think, fr

white the description for the none white seated more against a value for watered to drive in that direction in corter of field, it, and prove its value. The tribute department generally is looking more cheering than for some time past.—Eastern Mine: The look in the 70 east is still producing a quantity of mandle, and the ground is strongly mineralized, with branches containing quartz and spots of copper ore dippling porth towards the containing the still producing a quantity of mandle, and good agartz, mundle, and peach, intermixed with a little copper ore. In the 41 east wear driving by the side of the lode; when we last cut into it it was composed of quartz, mundle, and good atoms of ore. The 30 east is without any particular change, the lode is present being mall. If the composed of the containing of quartz and mundle, worth of the former 4 tons, or 127, per fin. In the 90 east no lode has been taken down since last reported. No change to notice in the tribute department during the past week. At the new castern shaft we have just made a commincation with a borer-hole to the visa shove the back of the 30.

If the vide, consisting of quartz and mundle, worth of the former 4 tons, or 127, per fin. In the 90 east not lode has been taken down since last reported. No change to notice in the tribute department during the past week. At the new castern shaft we have just sinking. The lode in the 80 yard level north is 5 ft. wile, of a promising character, and latting out a quantity of water. The stope in this level is worth 1/5 ton of lead per fin.—Williams's shaft. The lode in the 40 yard level north is 3 ft. wide, of such per fin.—Williams's shaft. The lode in the 40 yard level south is worth 1/5 ton of lead per fin.—Williams's shaft. The lode in the 40 yard level north is compared to the per shaft of the per shaft

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continues about the same; the vein is about 2½ ft. wide. The rib of lead in the 50 m. level end looks very well, but not altogether so good as it was; the vein is about 3 feet wide, and kindly looking. The 38 fm. level sump continues the same, with lead in and out—changeable.

NORTH LAXEY.—J. Horsley, Sept. 16: The vein at the shaft continues the same, with a good rib of lead through the shaft. The vein is about 2½ ft. wide, and getting stronger. The shaft is down below the 50 fm. level 8 fms. 3 ft. The 50 end looks very well, with a good rib of lead 2 or 3 in. wide, from roof to sole. The vein is about 3 ft. wide, and looks promising. The 98 sump continues with a little rib of lead, out not so good as it has been. The sump is down below the 38 fm. level 8 fms. 3 ft.

NORTH MINERA.—J. Dunkin, Sept. 17: On Saturday last we set the 25 to drive west of the cross-out, north of the eastern shaft, to six men, at 91, per fm.; the lode is 4 ft. wide, and producing 10 cwts. of lead per fm.; we have put the men from the level south to cut penthouse, in order to resume sinking as soon as possible. We have set also three tribute pitches, at 71, per ton.

NORTH TRESKERBY.—R. Pryor, J. Tregoning, Sept. 16: At the engine-shaft the sumpmen are busily engaged in fixing plunger-lift to the 90. The lode in the 30, east of shaft, is worth 111, per fm. The lode in the 60ep adit level west is also improved, being now 3 ft. wide, and worth 71, per fm., with a good appearance. Other places without change since our last report. Our tribute pitches are looking better than for some time past, and on Thursday next we shall sell about 40 tons of copper ore.

NORTH WHEAL ROBERT.—John Richards, Sept. 17: In Elliott's cross-cut south, at the 82 fm. level west, the ground is slow for progress. In the 42 fm. level. east of Heard's rise, on No. 1 south lode, the lode is worth 74 for no or ore per fm. In the 30 fm. level, west, of Sm. level west, the ground is favourable for driving. In the 30 fm. level west, and west of Idea and yields good ston

is poor. The 100 fm. level west end is worth 121, per fm. The 90 west, on engine lode, is poor. The 90 west, on Martin's lode, is worth 31, per fm.—Cobbler's: The 100 fm. level east end is worth 91, per fm. The 100s in bottom of the shaft is worth 91, per fm. The 100s in bottom of the shaft is worth 91, per fm. The 68 wast is worth 91, per fm. The 68 east is worth 31, per fm. The 68 wast is worth 31, per fm. The 68 wast is worth 32, per fm. No other change to report.

PENHALLS.—B. Pryor, Sept. 12: The ground in the engine-shaft, sinking below the 40, continues much the same. The lode in the 90, west of cross-cut, is 18 in. wide, worth 101, per fm. The stopes in bottom of the 10, east of this shaft, are worth 41, per faithom. We expect an improvement at this point on the junction of two branches, which are making to warte seech other. Nothing new in either of the cross-cut about this shaft. PROSPER UNITED.—S. Lean, W. Millett, Sept. 17: The ground in Louisa's engine-shaft, sinking below the 70, is barourable, and the men are making good progress. The lode in the 70, west of this shaft, is 2½ ft. wide, and will produce 3 tons of good quality ore per fathom. The lode in No. 2 winze, sinking below the 60, west of Luiia's shaft, is 18 in. wide, and of a kindly appearance for mineral. The lode in the 70, west of Hill's shaft, is 18 in. wide, and of a kindly appearance for mineral. The lode in the 60, west of Hill's shaft, is worth 221, per fathom for tin. The lode in the 50, west of Hill's shaft, is worth 41, per 100 fm. The lode in the 60, west of this shaft, is south to the 80. We have commenced cutting a plat at this depth, preparatory to the intersection of the Moor and Hoskinga's lodes. The lode in the 60, east of this shaft, is sunk to the 80. We have commenced cutting a plat at this depth, preparatory to the intersection of the Moor and Hoskinga's lodes. The lode in the 60, east of this shaft, is sunk to the 80. We have commenced cutting a plat at this depth, preparatory to the intersection of the Moor and Hos

pitches.—N.B. They have an improvement in wheat Florence shall. I mave just seen, the lode, which is about 3 ft. wide, of mundic, goasan, and black copper ore, average about 4 per cent. This is the great goasan lode we have opened on in the south part of our sett.

ROARING WATER.—H. Thomas, Sept. 15: During the past week we raised some rich purple ore mixed with brown goasan in the new shaft; the lode is large, and intersected by cross branches, and is improving in appearance every foot sunk. The lower stope, on Grady's lode, is producing exceedingly rich purple and silver-groy ore; the lode in this place is looking better than I have yet seen it, and I would recommend you to employ two additional hands, as by so doing a much larger quantity of ore would be raised. I have employed more girls, as the number previously engaged could not dispatch the ore raised; by a rough calculation, I consider there is from 90. to 1001, worth of ore on the floors. I enclose you a sketch for the proposed workshops, &c., and an estimate for building the same, which I hope will meet your approbation. I forwarded you by yesterday's mail car a box of gossan from Grady's lode, which I hope you have received, and when analysed I should be glad to know the result.

ROSEWARNE CONSOLS.—T. Uren, J. Berryman, W. White, Sept. 16: The following is our report, showing the ground sank and driven during the past month, together with the present prices and prospects.—Engine Lode: The engine-shaft as been sunk 4 ft., and is now sinking by six men, as 12; per fathom; lode here producing stoues of ore. Ellen's shaft to sink below the 70 by six men, as 91; per fathom; the lode here is large and of a promising character, but not to value. The 70 to drive west of Ellen's by two men, at 40s, per fathom; the lode large, but poor at present. In the 70 east we are cutting plat, and preparing to drive this level with all speed. The 60 has been driven east of Ellen's and the sum of the producing the sum of the producing states of the producing states of the

holed, it is intended to sink No. 2 winze below the 10 fm. level; also another winze under the 10, east of boundry shaft, both winzes will be in a productive lode for copper ore. Stope in back of the 10, west of No. 1 winze, is worth 101, per fm. Stope east of No. 2 winze is worth 101, per fm. Stope east of No. 2 winze is worth 101, per fm. Stope east of No. 2 winze is worth 101, per fm. Stope east of No. 2 winze is worth 101, per fm. Stope east of No. 2 winze is worth 101, per fm. Stope east of No. 2 winze is worth 101, per fm. Stope east of No. 2 winze is worth 101, per fm. Stope east of No. 2 winze is worth 101, per fm. Stope east of No. 2 winze is worth 101, per fm. Stope east 101, per fm. per fm.

taining a quantity of mundic; it is also a little darker colour, but just the same for progress as for some time past.—T. Glanville, Sept. 12: Tutwork Setting: The flat-rod shaft to sink below the 108, by 12 men, at 401, per fm:: the part of the lode sinking on is producing tinatuff that will pay for returning. The 108 to drive east of the flat-rod shaft, by four men, at 101, per fm:; lode producing saving work for tin. The stopes in back of the 108, by six men, at 56. de. per ton. The 108 fm: level cross-cut to drive north of the flat-rod shaft, by four men, at 101. 10s, per fm: The winze to sink below the 93, by four men, at 101, 10s, per fm: The 88 fm. level cross-cut to drive north of the new shaft, by four men, at 101, per fathom. The 68 to drive east of the new shaft, by four men, at 61, per fathom.

by four men, at 101. per fathom. The 68 to drive east of the new shaft, by four men, at 61. per fathom.

SOUTH CRENVER.—E. Chegwin, Sept. 15: The sumpmen are engaged fixing plunger-lift at the 105. In the 124, driving west of flat-rod shaft, the lode is 2½ ft. wide, producing 1½ ton of copper, worth about 61, per fm., and the ground more favourable for driving. In the 124, driving east of flat-rod shaft, the lode is 3 ft. wide, producing 25 tons of copper ore. In the 115, driving east of flat-rod shaft, the lode is 3 ft. wide, producing 2 tons of copper ore. In the 116, driving east of flat-rod shaft, the lode is 3 ft. wide, producing 2 tons of copper ore, worth about 124. per fathom. In the 105, driving west of flat-rod shaft, the lode is 3 ft. wide, producing 2 tons of copper ore, worth about 24. 10s. per fathom. Our tribute pitches are much as last reported on.

SOUTH DOLCOATH AND CARNARTHEN CONSOLS.—Wm. Roberts, Sept. 15: The men have not finished cutting plat at the 24, therefore neither of the ends have been driven since last reported. Other parts are progressing favourably. We expect to sample next week about 15 tons of ore.

SOUTH EXMOUTH.—J. P. Nicholis, G. Maunder, Sept. 16: Saturday being our setting-day, we set the following bargains:—The 60 cross-cut to drive west to intersect the west lode, the ground is eased, hence we hope to make much greater progress, but there are still branches of white iron and barytes crossing the end, in some of which we find large stones of lead. The 45 north, on the weak lode, to drive by four men at 21. 10s, per fathom; the lode is the entire width of the end, chiefly consisting of white iron, quartz, and barytes, yielding occasional large lumps of lead. The 45 south, to drive by four men, at 20s. per fm.; the lode in this said consists of a splendid mass of gossan, from 8 to 10 feet wide; a short distance behind the end we are driving a cross-cut east, by four men, at 20s. per fm.; the lode is also going through a mass of gossan, the driven, we have the contraction of

is worth 71. per fm. The lode in the 144 end, east of sump-winze, is worth 71. per rm. The winze sinking below the 134 is worth 61. per fm. In the 60 cross-cut, driving north to cut the north lode, the ground is rather improved. There is no improvement in the tribute department.

TRENCROM.—R. Hollow, W. Arthur, Sept. 10: The lode in the rise in back of the 110, east of Glesler's engine-shaft, is 1 ft. wide, good saving work for tin. The lode in the 100, east of Hollow's shaft, is 1 ft. wide, good saving work for tin, with every appearance of a further improvement. The lode in the 90, east of Hollow's shaft, is 15 in. wide, worth 51, per fm. The lode in the winze sinking below the 80, east of the above shaft, is 15 in. wide, and tinny throughout. The lode in the winze sinking below the 80, east of Hollow's, is 15 in. wide, worth 51, per fm. The lode in the 60 and 50 fm. level winze is producing a little tin, and kindly for further improvement. The lode in the winze sinking below the 40, east of Hollow's, is 15 in. wide, worth 31, per fm. The lode in the winze sinking below the 40, east of Hollow's, is 15 in. wide, worth 31, per fm. The rise in the back of this level is holed to the winze, and has laid open a good plece of tribute ground. There is no change in the 50, west of the above shaft. The lode in the elee adit level, south of flat-rod shaft, east of cross-course, is 15 in. wide, producing a little tin.

TRENCROM.—William Arthur, Sept. 17: The lode in the 110 fm. level, east of Glesler's engine shaft, has made a splice, and is preducing some good stones of tin. The lode in the 100 fm. level, east of Hollow's, is 15 in. wide, worth 51, per fathom. The lode in the 90, east of the above shaft, is 18 in. wide, worth 51, per fathom. The lode in the 90, east of the above shaft, is 18 in. wide, worth 51, per fathom. The lode in the 90 winze sinking below the 80 fm. level east of Hollow's, is 15 in. wide, worth 51, per fathom. The lode in the 60 winze shaft, is 18 in. wide, worth 51, per fathom. The lode in the 60

The lode in the 50 west is from 1 ft. to 14 in. wide, yielding a little tin, but not enough to value. No lode has been taken down this week in the 25 west. We have holed the winze below the 15 by a bozer-hole, so that we shall now stope the bottom of the 15, where the lode is worth from 101, to 12f, per fm. All the other places are looking much the same as I have before advised you.

TREVENEN AND TREMENHEERE.—J. Medien, W. Tippett, Sept. 16: The sumpmen have fixed the standing-lift and sent down the sinking-lift, with rods, &c., consequently there is no change in this shaft since last report, but we are now in good course for sinking. The 140 fm. level end is also worth 6f. per fm.; the back over is worth 4f. per fm. The 135 fm. level end is also worth 6f. per fm.; the back over is worth 4f. per fm. No change in the tribute department. Fair speed is still making with the clearing and securing the mine.

TYWARINALE.—J. Nicholls, J. Daw, J. Hall, September 16: The 100, east of Bennett's, is producing 3 tons of ore per fathom. The 105 fathom level east is yielding 2 tons of ore per fathom. The 105 fathom level east is yielding 2 tons of ore per fathom. The 105 fathom level west, is letting out water freely, and there appears to be more look south. James's shaft will produce about 4 tons of ore per fm. The 70, west of Haynes's, will produce 2 tons of ore per fm. The cross-cut south, from the 60 east, has not intersected any ore to value as yet. The 40, east of Bennett's, is producing 2 tons of ore per fm. The tribute department is, on the whole, looking much as usual.

VALE OF TOWY.—A. Waters, T. Harvey, Sept. 15: In the 124, driving south of great cross-course, the lode is 3½ ft. wide, composed of carbonate of lime, lead, and blende ore, present yield of the latter being 2 tons per fm. A coarse of ground has come in between the ribs of blende, causing a temporary falling off in value from lat week; the ground continues hard, and exceedingly wet. The 110 south is improving, and opening tribute ground; though we hav

case massage. We may conseque white the lock yielding Sevits. Offend per fin. The 50 south was completed from the 100 south and 120, per fin., the lock yielding Sevits. Offend per fin. The 50 south was completed from the 100 south and 120 s

west of shaft, the locks is 15 in. wide, consisting of spar and stones of ore, and has a promising appearance. In the 110 west the locks is 25 feet wide, consisting of spars and stones of ore, and has a promising appearance. In the 110 west the producing of spars and stones of ore, and has a promising appearance. In the 120 seat the lock is at 5 feet wide, consisting of spars and stones of ore, and has a promising the sparse of the all the time 30, at Prainter's, and shall draw out it the water to land level on Monolay matt, and present on that the shall below as soon as possible. In the 30 state the local a worth of the provided of t

of Wickett's a haft, is worth 84, per fm. The lode in the 40 end, east of Wickett's shaft, is worth 61, per fm. The lode in the 30 end, east of Wickett's shaft, is worth 63, per fm. All other tutwork operations are much the same as for some time past. The pitches are yielding about the same quantity of tin.

WHEAL NORKIS.—W. Buglehole, J. Andrews, Sept. 12: At our monthly setting to-day the following bargains were set:—Benjamin Dun, six men, to drive the 22 east of Teremone engine-shaft 3 fms., is set at 70s, per fm. Bichard Sawdon, nine men, Carter's shaft to sink below the 35 I fm., is set at 70s, per fm. Joseph Chappel, six men to drive he 35 on No. 4 iode, sast of the above shaft, 3 fms., at 70s, per fm. Joseph Lord, four men, to strip down the No. 4 lode, west of this shaft, at this level, 6 fms., at 20s, per fm. Samesl Walker, four men to drive the 25 east of Carter's shaft, on No. 4 iode; 2 fms. are set at 80s, per fm. The lodes in these ends are of about the same size and value as when lastreported. We hope to get the round buddles to work in ten days from the above date.

WHEAL SUNKEY.—W. Edwards, Sept. 17: The lode in the 46 end, east of diagonal shaft, is 2 feet wide—saving work for tin, and presenting a most favourable appearance for further improvement. The stopes cast and west of diagonal shaft, the tween the 46 and 60, are not yielding work of so good a quality as when last reported on, but this change may be only temporary, the iode being of a bunchy character. The tribute department is without change to notice. We have commenced calcining, and are pushing on the dressing with all speed, and expect to get our parcel of tin ready for sale by the end of this month.

WHEAL UNION.—T. Gianville, Sont, 11: Tutwork Setting: The fast-rod shaft to

are driving on at the 50 are much the same, but there are indicat it in the end; the last branches we cut are converging towards triving on, as they were, and we think there is a good chance for the junction takes place. There is a decided change in the gro 100; it is more congenial for copper, and if the branches cancer is ay will) they will consider. he lode; the said cross-cut is easier for driving, and the grou the branches we are driving on at the 50 are much the same an improvement in the end; the last transcrewe the second of the content of the c

MINING NOTABILIA.

VIGRA AND CLOGAU COPPER MINING COMPANY.—The following are e returns of gold from quarts without any visible gold, received at the office, and rhed through the Moshelmer pans:—

orked through the Moshelmer pans: —
6 ozs. 5 dwts. 3 grs. of gold from 18 tons 8 cwts. 9 qrs. of quartz.
14 5 0 34 14 2
7. Moshelmer expects the yield per ton will increase as the pans get more seasoned.
WEST CLOGAU MINING COMPANY.—The following table shows the relate of the first trials of the quartz from the Liechfrasth level, which gave 9 dwts. of the pans years. trans of the value of the same of the same

EAST CORNWALL CONSOLS COPPER MINE. - An influential company is

Mr. Mosheimer considers the pans not sufficiently seasoned; therefore, we are hoping for improved returns.

EAST CORNWALL CONSOLS COPPER MINE.—An influential company is in coarse of formation to work this valuable property upon an extensive scale. Tribute pitches are now working at 5s. in 1l. During the working of the Wheal Zlon Mine, some years since, a diacovery of rich copper ore was made in the glebe land, and numerous applications were made for a lease of the sett, but without success. This now forms a portion of this company's property, and is likely to prove of immense value.

At Wheal Dansel, they have now holed Dunsterville's shaft to the deep active, and when this shaft commences sinking it is expected to be in a course of ore, as the back will now set on tribute for many fathoms.

WEST POLIBEER.—It has long been to me a matter of surprise how the excellent piece of mining ground secured by this company has never before been thoroughly worked. Situated in the midst of some of the best mines in the country, and possessing so many rich mineral locks, to say nothing of a cross-course, which alone would make it a fine investment, locking at the influence it cannot fall to command on the locks, it would appear that the shareholders in this company are to be fairly congratuated for being connected with the property. I was very much gratified to read in last week's douced that the shareholders in this company are to be fairly congratuated for being connected with the property. I was very much gratified to read in last Captain of most property. I was very made gratified to read in last week's douced in the state of the property. The state of the property, make this mine, in my opinion, a sure and certain success. I understand that Captain of congratuate and successify on the set with the property of an investment which deserves so well the attention of the public; and it is very satisfactory to be able to say so. The large amount of work already on the important points which will shortly come of, and the smal

tions may have some information as to the present state of this mine. —ONE BORN IN THE NEIGHBOURHOOD.

EAST WHEAL LOVELL AND TREWORLIS MINES.—On Tuesday a numerous and highly influential meeting of adventurers took place at the Star Hotel, Helston. The first part of the business was to hear the reports and prospects of East Wheal Lovell, from the manager, Captain Burgan, which were of the most highly and satisfactory character; after which, the purser, Mr. H. Rogers, declared a dividend of 7s. 6d, per share, with every prospect of these dividends continuing, and probably increasing, as the mine continues to improve in depth the deeper the explorations are carried on. After which the Treworlis accounts and reports were gone into by the purser, Mr. Rogers, and the manager, Captain Burgan, when Captain Simmons, the Duchy agent for the county of cornwall, stated that he had that day inspected the Treworlis Mine, and from the very improved appearance of the lode in several parts of the mine, he had no hesitation in stating that it was his firm conviction that Treworlis Mine would, at no very distant period, be added to the Dividend List of mines; also that very great credit was due to the manager for the very efficient manner the operations were carried out. The Duchy, through their able representative, have shown the greatest desire to encourage the adventurers and capitalists in developing the Duchy property in this county. The district about Helston has stood pre-eminent for the richness of its tin mines during the last half century, and with every promise of a long continuation.

Manufacture of Wrought Metal Piles.—Mr. J. E. Dowson, of Dowgate-hill, has patented an invention, which has for its object improvements in the manufacture of wrought metal piles, columns, and shafts. In forming sheets of metal suitable for the purposes of this invention, each edge of a plate is rolled or formed with an interior flange or rib, and by preference of such exterior form at the butting edges, that when the edges of two pistes but together, the joint between them shall not be a plain or straight line; on the contrary, one butting face is made hollow, undulating, or concave, whilst the other is made undulating or convex to fit the hollow, undulating, or concave face of the neighbouring plate, though this is not essential, as plain or fait butting surfaces may be formed to the flanges. A series of longitudinal plates, such as those above described, are used in producing a pile, column, or shaft. The outside surfaces of the plate may be fast, or they may be convex, or otherwise, according to the external form intended to be given to a pile, column, or shaft are bound together by metal bands fixed externally, which may be shrunk on, or they may be welded on, or they may be otherwise faxed tightly round in any suitable manuer, so as to hold the series of butting plates, of which a pile, column, or shaft is composed securely together, or the plates of which a pile, column, or shaft is composed may be combined or held together in any other convenient manner. In those cases where a pile, column, or shaft is to be fixed externally to any part of another structure, an external flange, or flanges, may be made to one or more of the longitudinal plates, so as to admit of such outer flange, or flanges, being fixed to an external structure. In some cases it is desirable to fix a serve what to not one of the rolling to any not of another structure, an external flange, or shafts and to the other wrought-from pile, column, or shaft, by welding of a serve what, or a shaft subtle for receiving, and having fixed therein,

of a screw shaft, or, it may be, of any other shaft.

MEASURING GAS, AND INCREASING ITS ILLUMINATING POWER.—The principal object of the invention of Mr. Joshua Kidd, of Cannon-row. Westminster, is to determine the correct amount of gas consumed by public or private lights in a given space of time where a gas-meter or registered apparatus is not is use, and the invention is carried out as follows:—Between the file or burner and the gas regulator he makes an adjustable aperture or hole for the passage of a certain quantity of gas; it his hole is carranged that it cannot be tampered with by the consumer when the apparatus is in operation, so that the gas passing through this hole at a regular pressure no variation can occur in the quantity of gas passed through the apparatus in a given space of time. It is necessary, in adapting regulators in connection with his adjusted aperture for measuring gas, that this regulator should be so arranged as to give out the gas at a very low pressure, say, from three to five-tenths; by this means the regulator is always in action, even when the pressure is reduced to the ranged as to give out the gas at a very low pressure, say, from three to five-tenths; by this means the regulator is always in action, even when the pressure is reduced to the lowest point. The gas being consumed at this low pressure must necessarily pass through a nib or burner with a large opening, so as not to cause a check of pressure between the adjusted hole or aperture and the burner. The regulator for the purpose of this invarious is formed with a valve and disc, balanced or floated by the pressure of gas; the valve suspended to the centre of the disc opens and closes an aperture for the passage of the gas as the pressure varies; the disc may be made to float in mercury, or it may be composed of leather or other suitable substance. Any burner having a larger aperture than the hole of the measuring aperture may be used, but he prefers using a new description of burner, having a round or other shaped aperture, from which the gas issues in one body, with a piece of metal or other suitable substance placed over the hole to spread the flame, and on which the gas impinges after its exit from the hole of the burner.

CORNISH PUMPING ENGINES.—The number of pumping-engines reported for July is 30. They have consumed 1985 tons of coal, and lifted 15:5 million tons of water 10 fms. high. The average duty of the whole is, therefore, 52,700,000 lbs. lifted 1 ft. high, by the consumption of 112 lbs of coal. The following engines have exceeded the average duty:—

I in following engineer mere exceeded the average du	
Carn Brea-76 inMillion	
Crane-70 in	
Great Wheal Busy-Harvey's 85 in	
Great Work-Leeds' 60 in	
North Roskear-Doctor's 70 in	
North Wheal Crofty-Trevenson's 80 in	68.7
South Wheal Frances-Marriott's 75 in	
West Caradon-Elliot's 50 in	
West Wheal Seton-Harvey's 85 in	
Wheal Ludcott-Willcocks' 50 in	
Wheal Seton-Tilly's 70 in.	. 61.8

With next week's Journal we shall publish a SUPPLEMENTAL SHEET, in which will appear the following, among other articles, now unavoidably omitted:—The letter from our Correspondent at Adelaide, on Mining in Australia; Mines, Mining, and Smelting in Siberia; the Originator of the Modern Railway System; the Probable Duration of our Coal Fields; Inspection of Coal Mines—the Inspectors' Reports; the Hartley Colliery Relief Fund; Cannock Chase, and its Coal Mines; on Locomotive Construction, &c.

The Mining Market; Prices of Metals, Gres, &c.

METAL MARKET-LONDON, Sept. 18, 1863.

	1.	BRASS, Per. lb.
	0	Sheets 8%d10%d.
Tough cake 95 0	0	Wire 9d91/4d.
	0	Tubes 11d121/d.
	0-99 0 0	FOREIGN STEEL, Per Ton.
Copper wirep. lb. 0 1	0-0 1 0%	Swedish, inkegs (rolled) 15 10 0-
dittotubes n 0 1 0	4018	" (hammered). 15 15 0-18 0 (
	0	Ditto, in faggots 17 0 0-18 0 (
	0	English, Spring 18 0 0-23 0
Old (Exchange), 85 0	0	Bessemer's, Engineers Teol 44 0 0-
cnow. Pe	r Ton.	Spindle 30 0 0
	0	QUICESILVER 7 0 0 p.bottle
	0- 7 10 0	SPELTER. Per Ton.
	0- 7 15 0	Foreign 18 15 0-18 17 6
., Stafford, in London 8 5	0- 8 10 0	To arrive 18 15 0-18 17 6
Bars ditto 8 10	0-9 00	
Hoops ditto 9 10	0-10 10 0	ZINO.
Sheets, single 10 5	0-10 10 0	In shoets 25 0 0
	0-4 50	TIN.
	0-5 00	English, blocks115 0 0-(nom.)
	6- 6 15 0	Ditto, Bars (in barrels) 116 0 0
	6	Ditto, Refined
	6- 6 10 0	Banca
	0-12 10 0	Straits
	0-12 10 0	TIN-PLATES.*
	6-3 00	IC Charcoal, 1st qua, p. bx. 1 7 6-1 8 6
	0-2126	IX Ditto 1st quality , 1 13 6- 1 14 6
	0-2 76	20 miles - 01 - 111- 2 4 4 6 5 6 6
	0- 5 15 0	IX Ditto 2d quality , 1 4 6-1 6 6
" spikes 11 0	0-12 0 0	IC Coke 1 26-1 40
LEAD.		IX Ditto 1 8 6- 1 10 (
	0-20 10 0	Canada platesp. ton 12 10 0-18 0 (
	6-21 10 0	In London : 20s, less at the works.
	0-21 10 0	
	0-22 0 0	YellowMetal Sheathing .p. 1b. 8%d9d.
	0-27 0 0	Sheets p. 1b. 8d81/4d.
Ditto patent shot 23 0	0	Indian Charcoal Pigs)
Spanish 19 10	0	in London 6 10 0- 6 12
At the		o 1s, 6d, per box less.
250 000 1	and	

REMARKS.—Our market continues to exhibit a very healthy appearance, the langour which has been manifested for some time past having almost entirely disappeared, and business has now returned to its wonted activity. Orders from India are now coming in, although many of them (from ignorance of the late advance in prices) being at limits which prevent their being executed at the moment. Still there is no doubt that when information is received of the present aspect of affairs these limits will be increased. Altogether the prospect of the market is exceedingly pleasing.

COPPER.—The demand for this metal remains limited; sheathing is obtainable at 2l. under fixed prices. In foreign also but little business is doing. Burra is quoted at 97l. to 98l.; Chili, 85l. to 86l.

IRON.—The activity noticed in last week's Mining Journal still continues. Staffordshire makers are full of orders, and some of them decline taking any more at present; others will only do so for distant deliveries, and most of them will only quote subject to prices to be fixed at the next quarterly meeting. A meeting of Welsh ironmasters was held yesterday, to consider the question of wages, at which it was decided to advance the wages of the men in November, not exceeding 10 per cent.; this will doubtless have the effect of increasing the price of Welsh bars, or, at least, making general the advance of 10s. per ton announced by London stockholders last week. Sectch pig-iron has somewhat fluctuated during the week, in the early part declining about \(\frac{1}{3} \)d., when, again rising to former prices, a very good business has been done at 57s. 6d. cash; closing, buyers, at 57s. 3d. and 57s. 6d.; sellers at 57s. 7\frac{1}{3} \)d. and 58s. 4\frac{1}{3} \)d. In Swedish iron prices are firm, but not much in demand, and supplies scarce.

Lead.—A moderate business is doing; smelters appear desirous of securing orders.

uring orders.

curing orders.

Tin.—The market has somewhat improved during the week, and business has been done early in the week at 116L, cash, since which prices have become still firmer, and transactions have occurred at 117L, cash; there is, however, a large stock of Straits in London. It is anticipated that the next sale of Banca tin in Holland will be larger than on any previous occasion. English can still be obtained under fixed prices.

SPELYER is not in so much demand; the market now is rather inactive, and the riper remarks at 18L 18L property.

SPELTER is not in so much demand; the market now is rather mactive, and the price remains at 181. 15s. on the spot.

Steel continues very much in the same condition as last week.

TIN-PLATES.—The demand is limited at present, but prices continue very firm, and there is no inclination on the part of makers to give way; indeed, the increased rates still paid for iron make it more probable that higher prices may be obtained.

QUICKSILVER.—The stock in London is now supplied; the demand,

wever, is not quite so great

QUICKSILVER.—The stock in London is now supplied; the demand, however, is not quite so great

New York, Aug. 31.—The expectation that business would be somewhat improved this month by the usual demand for consumption has not been realised. The trade have bought for their urgent wants only, and although the fluctuations in gold have not been so great as in the preceding months, they have been sufficient to check the disposition to operate largely, which used to show itself formerly whenever the tendency of gold was upwards. There is at present but little speculation. In the beginning of the month gold was 127½ per cent. it declined a few days ago to 122½ per cent., and is quoted to-day 128 per cent. Exchange on London, 140½ per cent.

This has been duil. There have been during last week one or two forced sales of Stratis at 40c., but at this price there is a good demand, and we quote 40½ to 41 c., with but little offering. Of English there have been sales in small lots at 38 c., but for two parcels of 10 tons each lower prices have been accepted. Of Banca, 100 slabs were sold at 48½ c. We have had no arrivals from the Stratis, and the importations have been confined to 3800 ingots English. We estimate the stocks in first hands at 17,500 slabs Banca; and 100 tons English, equal to 3000 slabs: total in Boston and New York, 21,000 slabs.

Spelter,—A fornight ago 150 tons English, equal to 3000 slabs banca; and 100 tons English, equal to 3000 slabs banca; and 100 tons English, equal to 3000 slabs banca; and 100 tons English, equal to 3000 slabs. Corper,—A ground the price bar were sold in lots at 7 c., and since then 7½ c. has been asked. Lahigh is in limited supply, and held at 7½ c. We have had an importation of 90 tons Silesian, and estimate the stock of foreign at 550 tons.

Corper,—A good enquiry for Lake sprang up towards the middle of the month, and 1,000,000 to 1,500,000 list. were bought at 30 and 31 c. To-day the quotation is 31½ c., but the demand has fallen off. Part of the purchases were made on specula

NEW YORK, SEPT. 2.—The supply of foreign coal is light, and the arket is very firm. We learn only of a sale of 1000 tons L. L. Baker's Gas Caking,

Boston, Aug. 31.—There have been further sales of Pictou and Sydney coal at \$6.75 to \$7 per ton. The arrivals have been large, but were mostly delivered on contract. Anthractic has been in steady retail demand at \$9 per ton. A cargo of Scotch pig-tron has been received, and prices have eased off from late high figures. Sales of Gartaherrie and other brands No. 1 at \$35 to \$85 per ton, cash and four months, and American No. 1 at \$34 to \$36 per ton. Bar and sheet-iron steady, with moderate sales.

As everything connected with copper production abroad, inast it may affect the copper trade at home, is interesting to the miner and speculator, we may observe that our foreign advices show not only a great falling off in the productiveness of the Chili mines, but well-grounded ap prehensions of a still greater falling off. The total imports from Chili and Bolivia, in the six months ending June 30, 1862, were 490,360 quintals (22 quintals to the ton) of fine copper. In the corresponding six months of the present year the exports have been 305,755 quintals, or a falling off of 184,605 quintals; and for the next six months a further decline of 200,000 quintals is estimated.

The settlement of the fortnightly account in the MINING SHARE MARKET The settlement of the formignity account in the anising Shake stakes took place on Wednesday, but was very insignificant, as compared with former settlings; and during the week business has also continued generally inactive, though there has been a demand, and, consequently, a rise in one or two mines, where improvements have taken place. In most cases, how-

ever, the prices are almost nominal. Wheal Clifford Amalgamated shares have been flat, though a good deal of business has been done in them, which leave off 33 to 333; in the United Mines part of the sett, the lode in the lotton end, in Clifford, continues good; and in respect to the run, the state of the state of the continues of the state of the state of the state of the continues of the state of the st ver, the prices are almost nominal. Wheal Clifford Amalgamated share

months of the last sale, and which will very nearly meet the cost. The prospects are good.

Wheal Chiverton, 7½ to 7½; at the meeting the accounts showed a balance in hand of 3361l. 13s. 6d. The mine is drained to the 30, and it is proposed to cross-cut to the caunter lode in the 40, opposite Murray's shaft. East at this depth the lode was rich. West Chiverton, 33 to 33½; the sale of ore is 2044l. 15s. Elizabeth lode, in the 70 west, has improved. William's lode, in the 70 west, has improved. North Crofty, 4½ to 4½; the mine has sold 8 tons of tin, at 68l. per ton. The 160 east is worth 7l. per fathom, the 130 is worth 5l. per fathom, and the 150 west 15l. per fathom. Glasgow Caradon Consols, 3½ to 4½, and in demand; they are daily expecting to cut the East Caradon caunter lode in the 50, the same depth at which it was so rich in East Caradon. New Wheal Marths, 2½ to 3; the sale of ores (433 tons) realised 986l.

On the Stock Exchange, a very limited amount of business has been transacted in Mining Shares during the week. The following prices were officially recorded in British Mining Shares:—Great South Tolgus, 4½; Tincroft, 20½, 20; Wheal Caradon, 20½; Wheal Ludcott, 3, 3½; East Basset, 82, 81; Grambler, 15, 15½, 14½, 15; Clifford, 34½; North Wheal-Crofty, 4½; East Caradon, 28. In Colonial Mining Shares the prices were:—Yudanumutana, 2½, 3, 2½; Port Phillip, 1½; Scottish Australian, ½. In Foreign Mining Shares the prices were:—Copiapo, 8, 9½, 9; St. John del Rey, 55, 55½; Cobre, 30; United Mexican, 7½, 7½, 7½, 7½; Don Pedro, 1; Alamillos, ½.

Fedro, 1; Alamilos, 2.

IRISH MINE SHARE MARKET.—The shares of our mines have been generally neglected. An extra effort was made to keep those of the General Mining Company for Ireland in something like good repute, and, therefore, a few transactions have been effected to support the last quotation of 4l. 5s. (4l. paid), at which price, no doubt, more might be procured if required. Mining Company of Ireland shares were enquired for at last price, of 19l., but holders are firm, and waiting better prices; therefore no business was done in them. A contemporary of Dublin has corrected a clerical error of ours in last week's Journal, saying that we quadrupled the price of the new Wicklow Copper Company's shares in order to arrive clerical error of ours in last week's Journal, saying that we quadrupled the price of the new Wicklow Copper Company's shares in order to arrive at the value of the old shares of the now defunct Wicklow Copper Mining Company's shares. The "initiated," and likewise the uninitiated, will perceive that we were perfectly correct in the price which was quoted by us for the new shares, as well as in the percentage of the rise in the price for the preceding fortnight, therefore none of our readers could have suffered loss by our trifling mistake; in fact, if we assume the new shares to be of the officially quoted paid-up value of 22. 10s., in lieu of 52. per old share, it follows that the present price of 122. 17s. 6d. per share should be multiplied by six to arrive at the equivalent of an old share, which but recently stood at 484. However, these being mere ideal speculations, of no great practical value, we think it more in our province to explain that the nominal united capital of the Wicklow Copper Mining and the Hibernian Mining Company is now divided into 17,000 shares, of the assumed paid-up capital of 22. 10s. per share, and that each of these shares is now freely bought at the price of 122. 17s. 6d., as above mentioned. That the landlords of the old Wicklow Copper Mining Company—the Hibernian Mining Company—have made the best of the bargain is self-evident, because they have now three readily saleable shares for every one of the old description, which before the amalgamation were, so to say, unsaleable; but by the new arrangement the united Wicklow Copper Company are their own landlords, instead of the old company, having had only a very few years left of their old mining lease at a considerable royalty. That our contemporary should have discovered one nominal error is hailed hares which in the

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by us with pleasure, as a pledge that he will pay increased attention to Irish mining, which requires only that support from local journals which we have given it for years past in order to raise it to that standard of estimation which we think it deserves. Very little impartial local attention to the system of management of some of the leading or, in point of capital, more important mining companies will, we feel confident, very soon elevate Irish mines in the estimation of English capitalists, who, according to precedents in many other branches of legitimate industry, will have to give impetus or encouragement to our more timid, though not less wide-awake, monied speculators.

edents in many other branches of legitimate industry, will have to give impetus or encouragement to our more timid, though not less wide-awake, monied speculators.

The Clowance Wood Copper Mining Company has been formed upon the limited liability principle, and with a capital of 25,000%, in shares of 11 each, for the purpose of working a sett in the parish of Crowan, bounded on the south by the celebrated Crenver and Wheal Abraham, north by Wheal Clowance and Rosewarne Consols, and west by Binner Downs and Wheal Treasury. The sett is 500 fathoms long by 400 wide, and is held from the Rev. H. M. St. Aubyn, at a royalty of one-twentieth. The purchase-money has been fixed at 50001, of which 15001 is to be paid in cash, and the remainder in paid-up shares. The property has been inspected and favourably reported upon by Captains Charles Thomas, Joseph Vivian, William Pascoe, John Nancarrow, William Tregay, Edward Chegwin, Samuel J. Reed, and Mark Reed, all of whom concur in in pronouncing it to be a promising undertaking. The mine is situated almost entirely in virgin ground, and in close proximity to mines that were formerly very extensively and productively wrought. Capt. Charles Thomas expresses his surprise that it has not before now had an effective trial. Capt. Joseph Vivian considers it a very valuable speculation. Capt. Pascoe does not know a sett more favourably situated, and equally encouraging opinions are expressed by the other agents who have inspected it.

The Liverpool Lead Works Company, with a capital of 25,0004, in shares of 104 each, is formed for the purpose of manufacturing lead and other metals, and purchasing Mr. Jabez Jones's patents for the manufacture of tea-lead with a surface coating of tin. It is considered that by means of this patent an extensive trade can be carried on in the manufacture of the patent File Company have given notice that they will close the subscription list, and proceed to an allotment, on the 30th instant. We understand that the cumber of shares subscribed for has j

At Truro Ticketing, on Thursday, 6020 tons of ore were sold, realising 25,1074. 7s. The particulars of the sale were:—Average standard, 1194. 6s.; average produce, 5\frac{3}{2}; average price per ton, 44. 3s. 6d.; quantity of fine copper, 349 tons 4 cwts. The following are the particulars:—

Date. Tons. Standard. Produce. Price per ton. Ore copper. Aug. 20. 6173 ... £124 8 0 ... \$24 8 0 ... £76 14 0 ... \$27 ... \$27 ... \$2872 ... \$118 7 0 ... \$6\frac{5}{2}\$... \$5 0 6 ... \$76 11 0 ... \$217 ... \$118 0 ... \$6\frac{1}{2}\$... \$13 0 ... \$217 ... \$118 0 ... \$25 0 ... \$3 0 ... \$218 0

proper, and it was suggested that the preference should be permanent, and at the rate of 20 per cent. per annum; the ordinary sharehorders to participate in surplus profits. Measrs. Whitworth and Co. write that 6000. of the preference capital has been absorbed for since the meeting.

At the Wheal Uny meeting, on Wednesday (Mr. P. L. Hinds in the chair), the accounts for the three months ending July showed a credit balance of 4341.5s. 6d. Capitalns Daw, Coate, and Rogers reported that they had sold in the past three months about 64 toss of black tin, and looking at the present prospects they hope to return about the sasse quantity in the ensuing quarter. In the north part they have not made great discoveries of copper lately, but they consider their prospects in this part very encouraging, and have full confidence in having something good in the western ground. In this part there are 11 tribute pitches working on copper, by 22 men, at tributes varying from 6s. 8d. to 13s. 4d. in 17.

At North Levant Mine meeting, on Sept. 11, the accounts for the three months ending June showed a debit balance of 6731.5s. 6d. The loss on the three months' working was 4741.18s. 4d. A call of 5s. per share was made. Captains Bennetts and Thomas reported upon the various points of operation.

At the Maudlin Mines meeting, held at Liverpool, on Thursday (Mr. McConnell in the chair), the accounts for the six months ending July were passed, and a call of 3s. per share made to pay off existing liabilities, and for the further prosecution of the mines.

At Wheal Hope two-monthly meeting, yesterday (Mr. J. Y. Watson,

a call of 3s. per share made to pay on existing liabilities, and for the introse prosecution of the mines.

At Wheal Hope two-monthly meeting, yesterday (Mr. J. Y. Watson, F.G.S., in the chair), the accounts showed liabilities over assets 4904. Ils. 1st., and a call of 5s. per share was made. An estimate for the next two months is 30 tons of lead, besides blende, which will about pay cost. A committee of management was appointed, consisting of Messrs. J. Robertson, of the Stock Exchange, J. Andrew, and J. T. Watson.

At the Fortune Copper Mining Company of Western Australia (first general) meeting, on Wednesday (Mr. Thomas Gooch in the chair), the report of the directors and accounts were unanimously received and adopted. Details appear in another column

and the Fortane Copper Mining Company of western Australia (in signeral) meeting, on Wednesday (Mr. Thomas Gooch in the chair), the report of the directors and accounts were unanimously received and adopted. Details appear in another column.

The directors of the Nova Scotia Land and Gold Crushing and Amalgamating Company (Limited) have received (through Messrs, Robert Brooks and Co.) two ingots of gold, weighing together 74ccs. In the wats. 12 grs., making, with the previous remittance, 107 css. 12 dwts. 12 grs., the produce of their crusher at Sherbrooke. Their crushers at Wine Harbour and Tangier being now about ready for working, a regular monthly remittance may be anticipated.

At the London India Rubber Company meeting, to be held on Oct. 16, the accounts will show—Outstandings due by the company and bills payable 18251. 2s. 6d., to meet which there is cash at bankers and in hands 18221. 1is. 8d., and stock (India rubber, &c.) 23771. 17s. 3d. The litigation in connection with the purchase was satisfactorily settled in Aug., 1862. The directors proceeded to procure the additional machinery that was necessary, but suffered disappointment from time to time in the completion of the contract for it; and it was not until the middle of August, 1862, that manufacturing operations were commenced, when a large quantity of material passed through the preparatory stages, and matters were steadily progressing from this time until Oct. 2s, at which time the company were on the point of putting their goods on the market, when a fire occurred, destroying a large portion of the buildings, entirely disabiling the machinery, and consuming the greater portion of that part of the stock that was in process of manufacture. It was hoped that two months would have sufficed to reinstate the buildings and machinery, but some unforscent difficulties delayed the settlement with the insurance company; and although every exertion was made by your directors to obtain a speedy settlement of the buildings, and the machinery and analysing

LEEDS, SEPT 17.—In mining shares dealings have not been very nume-rous, but quotations have a firmer tone. We are glad in being able to state that the im-provement which has taken place in Brea Consols Mine has materially enhanced the value of the shares,—John Gledhill And Co.

Ing 25,1071. fs. The particulars of the sale were—Average standard, 1910. 64; average produce, 5.1 average project pots, 45, 6.2 did, 4 quantity of the copper, 500 tons f. earth. The following are the particulars.

All The price particulars of the compared of the compar

London, who engaged within three months to procure the co-operation of financiers European reputation who would join them in the concession; the names they gave we those of Measrs. Robarts, Ricardo, Kennard, and Chapman—names well known har and of standing amply sufficient to satisfy the Government. The papers connected wit the concession have finally been approved by all the authorities here, and the form signature of the Emperor is said to have been given on the 3d instant. The concession will enable the promoters to establish whatever branches they think fit throughout the empire; it will give them an axclusive term, within which no similar institution will be permitted, and will empower the company to transact all kinds of banking business

The Royal Cornwall Polytechnic Society commenced its meetings on Tessday, and is, doubtless, one of the most successful that has been held for some time. Mr. Mossedmer, of Dolgelly, has been awarded a first bronze medal for his model of Paul Rittinger's ore dressing tables, and several other models have attracted much attention. We shall give the details of the meeting in our next.

SALE OF THE ALTERD CONSOLS MATERIALS.—The most satisfactory sale of mine materials that has taken place in the county of Cornwall for years past was that held at Alfred Consols, on Transday, when Mr. John Burgess, of Rarnocose, officiated as accitoner, who, being thoroughly acquainted with the values of every article upon a mine, gained considerable attainages in favour of the sellers. In several instances, he stated he must have a starting price, but the purchasers would not hear it. Eventually Mr. Burgess was called back, and made a considerable amount over his starting point. As soon as the delivery is finished for this sale, another will follow, and, it is to be hoped, with the same amount of success. It is said such a large number of purchasers were never present at a mine sale in Cornwall.

GREAT DEVON AND BEDFORD (COLCHARTON) COPPER MINING COMPANY.—The committee of the Stock Exchange appointed yesterday a special sattling-day in the shares of this company, which, however, are not to be marked in the Official List. THE TIN STANDARD.—The tin standard was again reduced on Tuesday 2s. per cwt., making the present quotation:—For common, 11:-112s.; refined, 108-108s. In July last the standards for tin ores were:—For common, 11:-112s.; refined, 108-108s. is refined, 108-108s. in showing a reduction of no less than 7s. to 9s. per cwt. on the price received by the miner. A highly esteemed correspondent sends us the following on the repeated drops for the last month resisted the efforts of other parties (who care nothing about tin mines or the last month resisted the efforts of other parties (who care nothing about tin mines for the la

		LEA	D OI	RES.			
		Sold on th	e 8th Se	ntem be			
Mines.		Tons	. P	doe ner	ton.	Pu	rchasers.
Minera Union	8	old on th	e 11th S	£12 13	0	Sims,	Willyams, & Co
Cargoil		68		16 3	0	Panthe	r Co.
	8	old on th	a 12th 8	entern be	W.		
Harwood	*******	old on th	*****	12 12	6	Cookso	n & Co.
Frongoch		80	a vaen is	19 12		Dantha	w Ca
Cefn Brwyno		90	******	19 19		Australe	ir co.
ditto		90	*****	19 19	e	Walke	Darker & C
East Darren		75		15 10		Mining	Co. of Ireland
Cwm Erfin		95		16 1		Pantha	Co. of Arenand
ditto	*******	old on th		16 3	0	di	ito.
West Chiverton		70	o roen o	18 15		Stook !	k Co
ditto		60	******	19 3		Walke	Powker & Co
	9	old on the	16th G	antembe		** **	r, rarker, & Co
Great Laxey		100	o roun o	18 4	6	Mining	Co. of Ireland
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			OK 7				
Mines. Tor		old on the	e 13th 8	eptembe	r.		
	18 C. q. 1	bs. Pri	ce per to	n.	Amount		Purchasers.
Kitty (St. Agnes). 20	8	old on the	e 14th S	entembe	r.		_
3t. Wh. Vor 30	18 3 2	6	-	****	2185 9	10-	-
	8	old on the	a 15th S	entembe	T.		

COPPER ORES.

COPPER ORES. Sampled Sept. 2, and sold at the Royal Hotel, Truro, Sept. 17.

| Mines. | Tons. | Privalence | Tons. | Tons. | Privalence | Tons. | Tons

TOTAL PRODUCE. | TOTAL PRODUCE. | Total property | Tota

£25,107 7 0

Copper ores for sale on Thursday next, at the Royal Hotel, Truro,—Mines and Parcels,—South Caradon 462—Great Wheal Buay 430—West Caradon 462—North Treskerby 383—Clifford Amajamated 359—North Downs 170 Wheal Rose 165—Craddock Moor 133—Wheal Polmear 113—St. Day United 70—Boscawen 35—South Crimis 18—Burra 8.—Total, 2747 tons.

Color or so for sale on Thursday week, at Tabb's Hotel, Redruth.—Mines and par-cols.—Ciliford Amaigamated 720—West Seton 509—Wheal Seton and Pendarves 449— East Poel 327—Fowey Consols 270—Wheal Basset 177—South Frances 131—Dolcoath 94—Thurroft 90—East Basset 84—South Tolgus 83—South Crofty 72—Stray Park 57— Condurrow 46—North Rockear 30—Camborne Vean 20—Carn Camborne 18—Illogan Mines 13—Wheal Kitty 12.—Total, 3202 tons.

Copper Ores for sale at Swanses, Sept. 22.—Cobre 94, 92, 68, 106, 105, 104, 108, 98, 80, 70, 11, 10, 10, 57, 43—Berchaven 103, 86, 81, 67, 76, 48, 119—Knockmahon 85, 47, 107, 99—Kanmantoo Regulus 14, 12—Connorree Ore 42—Victoria Slag 5—Cape Copper 64, 31, 24, 23, 17, 8—Ookip 50, 48, 24, 5—Springhok 39—Koperberg 30—Odd bags 3—Sweepings 3—Total, 2421 tons.

THE CLOWANCE WOOD MINING COMPANY (LIMITED).

Capital, £25,000, in £26,000 sbares, of £1 each.

Deposit, 2s. 6d. per share on application, and 2s. 6d. on allotment.

If no allotment takes p ace the deposits will be returned in fall.

SAMUEL BOYD BARNETT, Esq., Delemere Villas, Paddington.

Major FREDERICK DITMAS (ats of Madras Ecgineers), Croydon.

B. GAFFREY, Esq., mechant, 79, Great Tower-street, London.

Capt. LEWIS MUNRO, Blackheath and Hastings.

LEWIS ROCHEFORT, Esq., Crown-street, Finsbury, and Barnet, Herts.

WILLIAM SOWERBY, Esq., C.E., F.G.S., late Superintendent Engineer of Deparament of Public Works, India.

The National Bank, Old Broad-street, London.

The Miner' Bank, Camborne, Cornwall.

SOLICITOS.—Robert W. Staepool, Esq., Pinner's Hall, Old Broad-street.

AUDITOR.—W. J. Thompson, Esq.

SECRITARY—George H. Caidozo Esq.

OFFICES.—No. 15, NEW BROAD STREET, LONDON.

OFFICES-No. 15, NEW BROAD STREET, LONDON.

OFFICES—No. 15, NEW BROAD STREET, LONDON.

Clowance Wood Mine is situated in the parish of Crowan, in the county of Cornwall, and is in land which, until a few years slice, never could be obtained for mining purposes. It is bounded on the south by the celebrated Crenver and Wheal Abraham, north by Wheal Clowance and Rosewarm Consols, and west by Binner Downs and Wheal Treasury, and is surrounded by numerous dividend-paying mines. It will thus be seen that the postition of the set is most favourable for profitable mining enterprise, and, by referring to Hopkins' work on Geology, 22d plate, some idea may be formed of the splendid metalitierous district in which these mines are situate.

An adit level, which unwaters the mine to a depth of 22 fms., has been taken up from the valley, and several shafts have been sure, and attacked a sure of certainty. Five lodes have been intersected, all of which have been carrenely productive in the adjoining mines, and cannot fail to make large returns.

Several tons of rich copper ore have been returned; but, from the increase of water, and the absence of necessary machinary, the further working of the mine has been delayed; sufficient, however, has been discovered to prove that the lodes which have already been driven on increase greatly in richness and quality as they deepen, as is the case with the most productive mines adjoining. The sett is traversed by a large elvan course, and also by cross-course, contiguous to which enormous deposits of copper ore were found; and in the ceiebrated Wheal Abraham, adjoining, one lode alone returned in the most productive mines adjoining. The sett is traversed by a large elvan course, and also by cross-course, contiguous to which enormous deposits of copper ore were found; and in the ceiebrated Wheal Abraham, adjoining, one lode alone returned in the week of the setting of the wine has been developed and good dividends will be made.

Prospectures with plane, reports, forms of application for the shares, &c., may be obtained at the offices

and good dividends will be made.

Prospectuses with plans, reports, forms of application for the shares, &c., may be obtained at the offices of the company.

The following well-known mining authorities have inspected and reported on the mine:
—Captain Charless Thomas, manager of Dolcoath, Wost Seton, Stray Fark, and other mines: Capt. Joseph Vivian, manager of North Rickman, North Crofts, and other mines:
Capt. William Parcor, manager of South Frances, Wendron United, and other mines:
Capt. John Nancarrow, manager of St. Ives Consols and other mines; Capt. William Tarcar, manager of Pedn-an-drea United Mines; Capt. Edward Chizewis, manager of South Crever Mines; and Capts. Samuel J. Reed, Thos. Hachard, Josephan and Mank Reed.

THE EAST PANT DU UNITED LEAD MINING COMPANY

THE EAST PANT DU UNITED LEAD MINING COMPAN (LIMITED).

Incorporated under the Companies Act, 1862.

Capital, £30,000, in 6000 shares, of £5 ench. Deposit, 19s, per share on application and 10s. spon allotment.

DIRECTORS.

WILLIAM TITHERINGTON, Esq., cotton broker, Liverpool.

RALPH TUNNICLIFFE, Esq., cotton spinner, Fir Mills, Leigh.

ROBERT ASHWORTH, Esq., cotton spinner, Wardle, near Rochdule,
HENRY WHITWORTH, Esq., catton-buildings, Cooper-street, Manchester,
SAMUEL MERRY WEATHER, Esq., cotton broker, Liverpool.

BROKERS—Messrs, Mawburn and Barker, Moult-street, Manchester, and Hallfax,
BANKERS—Union Bank of Manchester (Limited).

SOLICITORS—Messrs, Walker and Smith, Chester.

SECRETARIES AND MANAGERS—Messrs, Walker and Smith, Chester.

REGISTERED OFFICES.
CARLTON BUILDINGS, COOPER STREET, MANCHESTER.

ABRIDGED PROSPECTUS.

sany is formed for the purpose of purchasing and working the extensive an iling setts known as the East Pant Du and the Colomindy Load Mines, situ

valuable mining setts known as the East rant Du and the Colominay Load Mines, set at the near Mold, Flintshire.

The East Pant Du sett, which adjoins the celebrated l'ant Du, is about 280 acres is extent, and has three parallel veins, extending from east to west about a mile and quarter in the sett. These are principally in the limestone formation.

A shaft has been sunk upon the principal vein, to a depth of about 100 yards, an acreral levels driven on the course of the vein, from which large quantities of ore have

several levels driven on the course of the vein, from which large quantities of ore nave aiready been obtained. This vein, in the Oid Pant Du sett, returned £32,000 royalty within a very few years. This vein, in the Oid Pant Du sett, returned £32,000 royalty within a very few years. The mine is drained by a swallow, or natural formation in the rock, to the depth of 150 yards, thus avoiding all expensive engines and machinery for pumping the water. The Colomindy sett is situate at a short distance from the East Pant Du, and paralle with the celebrated Maesysain Mines, now worked by Messrs. John Taylor and Sons, and an influential company. Several shafts are such and levels driven, and great quantities of ore have been raised. A steam-engine and the necessary buildings are upon the property, and the mine is in full operation. There is also another well-known rich lode, not in working, running through this sett.

Detailed prospectuses, containing full particulars and reports upon the property, may be obtained from the managers, at their offices, Cariton-buildings, Cooper-street, Manchester; and Abohurch Chambers, Abchurch-lane, London; and from the brokers, bankers, and solicitors of the company.

CHIVERTON WHEAL ROSE SILVER-LEAD MINE.—
ST. COLUMB, CORNWALL.
In 100 shares.
This valuable property has been granted by H.B. H. the Prince of Wales, for a term of 21 years, at a royalty of 1-15th, to be reduced to 1-15th upon an engine being erected. It is situate in the parish of 8t. Columb, Cornwall, near to the original workings of East Wheal Rose, and the principal lodes are a continuation of those worked in that celebrated mine.
East Wheal Rose, and the principal lodes are a continuation of those worked in that celebrated mine.
East Wheal Rose was divided into 128 shares, of £50 each, and the total amount paid in dividends was £287,360, or forty-four times the amount of the capital invested; this was paid during a period of twelve years, being an average of 357% per cent. per annum. During this period shares were at a very high premium, and in September, 1845, they were saleable at £1800 each, or thirty-six times their original cost. The following were the current prices of £50 shares during parties the time the mine was at work:—January 6th, 1844.

1250 June 27th, 1844.

1250 June 27th, 1846.

1300 December 28th, 1846.

1300 December 28th, 1846.

1300 June 1st, 1846.

1300 June 27th, 1847.

1200 So that in September, 1845, the market value of the whole mine (which had then paid its proprietors £161,140 in dividends) was £230,400, making with the dividends paid a total of £881,540, or nearty 60 times the capital invested.

The dividends paid up to the end of 1845, amounted to £161,140

The dividends paid up to the end of 1845, amounted to £161,140

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At this period blende and mundio were of no marketable value, and the price of lead was fully 25 per cent. less than it is now, so that at the present prices these large profits would have been very much larger.

Chiverton Wheal Rose has been inspected by several agents, who report most favourably as to the value of the property, and express their opinion that it will prove a very successful undertakting. A large sum has been expended in opening the mine. The addit level has been driven for a distance of 120 fms., and has intersected several lodes containing rich sliver-lead ore. As soon as the levels are cleared, tribute pitches can be set, and, early returns of one will be made. It is confidently anticipated that, with a judicious outlay of capital, a very profitable mine will be opened up.

The mine is at present divided into 100 shares, a limited number of which are (for disposal.

ations for prospectuses and shares to be made to Messrs. T. Fullen and Co.

THE PATENT FILE COMPANY
(LIMITED).

Incorporated under the Companies Act, 1862.

Capital £100,000, in 10,000 shares of £10 each, of which not more than £50,000 will be required to set the works in full operation.

Deposit on application, 10s. per share. Payment on allotment, 10s. per share.

Calls of £1 per share, at intervals of not less than two months.

CHAIRMAN—Mr. BERNARD GILPIN (William Glipin, Sen., and Co., Edge Tool Manufacturers), Wedges Mills, Cannock.

27, MOORGATE STREET, LONDON; 29, WATERLOO STREET, BIRMINGHAM.

ABRIDGED PROSPECTUS. This company has been formed to manufacture files by machinery in lieu of h labour, whereby the cost will be materially reduced and the quality improved: i founded on the experience of similar undertakings in successful operation in Francia Beigium.

and Belgium.

Detailed prospectuses and forms of application for shares may be had at the offices of the company, 27, Moorgate-street, London, and 29, Waterloo-street, Birmingham; and also of the following brokers:—The Members of the Birmingham Stock Exchange. Mr. RAMUEL FRANTHOUGH, Manchester; Mr. RICHARD WITHERS, Liverpool; Mesers, John WATRON and Son, Sheffield; Mr. JONATHAN DREWRY, Newcastle-on-Tyne; Mr. W. H. GREEN, Gloucester; Mr. O. S. BETANY, Bristoly Mr. GEORGE RIDEDALE, Albion-place, Locds; Mesers. AITKEN and MACKENZIE, Glasgow.

THE PATENT FILE COMPANY
(LIMITED).

NOTICE.—The Directors will PROCEED to an ALLOTMENT on the 30th inst.

Applications for the remaining shares to be made before that date.

By order of the Board.

HENRY HOWELL, Sec.

29, Waterloo-street, Birmingham, September 10, 1863.

TO INVESTORS.—CONSULT MR. GRIFFITH, 17, LEADENHALL STREET, LONDON, E.C., who ADVISES as to the REPROTABILITY, VALUE, and PRORABLE PROSPECT of BUCCESS of ANY SOMEME, PUBLIC COMPANY, &c., whether already established or in course of for-

In Chancery, Lancashire.

SCHIELE'S PATENTS-SCHUNCK v. SCHIELE. Notice is hereby gives, that by a deed dated July 14, 1995, executed pursuant to an order of this Court, and duly registered at the Patent Office, London, C. SCHIELE ABSOLUTELY ASSIGNED to MARTIN SCHUNCK, Esq., the PATENTS, com-

ABSOLUTELY ASSIGNED to MARKIN SCHUPISING the following inventions:
SCHIELE'S TURBINE WATER WHEELS,
PLATT AND SCHIELE'S SILENT FANS, including AIR PUMPS or GAS EXHAUSTERS.
SCHIELE'S BLAST ENGINES.
SCHIELE'S GOVERNORS for STEAM ENGINES and WATER WHEELS,
SCHIELE'S VENTILATING ENGINES.

SCHIELE'S CENTRIFUGAL PUMPS. SCHIELE'S TURBINE STEAM ENGINES.

The North Moor Foundry Company, Oldham, Soie Licencees.

Mesars. Hick and Son, engineer Boiton, Sole Licencees.
Messrs. Clark and Charnley, engl

LE'S TURBINE STEAM ENGINES.

SCHIELE'S FEED PUMPS.

SCHIELE'S VARIABLE EXPANSION GEAR.

SCHIELE'S UDBRICATION.

SCHIELE'S HYDRAULIC TRANSMISSION of POWER.

SCHIELE'S CONTACT GEAR.

SCHIELE'S CONTACT GEAR.

SCHIELE'S CONTINUOUS WHEEL CUTTING MACHINERY.

SCHIELE'S NUT TAPPING MACHINES.

SCHIELE'S OSCILLATION BREAK for GOVERNORS for RAIL
WAY TRAINS, &c.

SCHIELE'S CONTINUOUS SCREW CUTTING MACHINES.

SCHIELE'S CONTINUOUS GCREW CUTTING MACHINES.

SCHIELE'S CONTINUOUS GCREW CUTTING MACHINES.

SCHIELE'S AUTHORIES OF SHAFTS, to COCKS, VALVES, &c.

SCHIELE'S HYDRAULIC WEIGHING MACHINES.

Note that the second se

THE NORTH MOOR FOUNDRY COMPANY,
SOLE LICENSEES and MANUFACTURERS of
SCHIELE'S TURBINE WATER WHEELS.
PLATT AND SCHIELE'S SILENT FANS.
SCHIELE'S BLAST ENGINES.
SCHIELE'S VENTILATORS for SHIPS.
PLATT AND SCHIELE'S MINE VENTILATORS,
SCHIELE'S AIR PUMPS or GAS EXHAUSTERS.
BCHIELE'S AIR PUMPS of GAS EXHAUSTERS.

SPECIAL NOTICE.

The NORTH MOOR FOUNDRY COMPANY, having found that some of their customers have had an impression that their machines could be obtained from other parties than themselves, beg to inform the public that they POSSESS the SOLE and EXCLUSIVE RIGHT to the ABOVE PATENTED INVENTIONS, and that they have not authorised any other parties to manufacture and sell the same.—For illustrated circulars, apply to the Norma Moon Foundry Company, Oldham.

Mr. SCHIELE has NO INTEREST whatever in the ABOVE INVENTIONS, and is NOT AUTHORISED to RECEIVE ORDERS or TRANSACT ANY BUSINESS in the same.

MESSRS. C. SCHIELE AND CO., ENGINEERS,

PATENTEES, AND SOLE MANUFACTURERS OF

SCHIELE'S PATENT TURBINE WATER WHEELS OF 1863.

SCHIELE'S PATENT SILENT FANS OF 1863.

SCHIELE'S PATENT GENTRIFUGAL PUMPS OF 1863.

SCHIELE'S PATENT BLAST and VENTILATING ENGINES OF 1863.

SCHIELE'S PATENT BLAST AND VENTILATORS OF 1863.

SCHIELE'S PATENT MAINE VENTILATORS OF 1863.

SCHIELE'S PATENT MINE VENTILATORS OF 1863.

SCHIELE'S PATENT COMPOUND BLAST ENGINES OF 1863.

SCHIELE'S PATENT COMPOUND BLAST ENGINES OF 1863.

SCHIELE'S PATENT GOVERNOR OF 1863.

SCHIELE'S PATENT WAYE POWER MACHINERY OF 1860.

It having come to the knowledge of Messrs. C. SCHIELE and Co. that other parties are representing themselves as licences and manufacturers of the above patented inventions.

Measrs. C. Schiele and Co. beg to say that such representations are untrue; and further, that Mr. SCHIELE is the SOLE INVENTOR, and that his firm are the SOLE PATENTEES and the SOLE MANUFACTURERS of the ABOVE PATENTEE INVENTIONS, and that any firm or company representing that they have a licence for, or that they can manufacture or supply the same, are stating what is utterly and completely false.

Measrs. C. Schiele and Co. beg to intimate that the PATENTS SOLD to Mr. SCHUNCK by Mr. SCHIELE ONLY COMPRISE Mr. SCHIELE'S OLD PATENTS, taken out prior to 1860, and DO NOT INCLUDE ANY of the PATENTS ENUMERATED ABOVE, or Mr. SCHIELE'S PATENT CAUSHING MILLS and HAMMERS of 1860, or Massis, ORMEROD AND SCHIELE'S STONE DRESSING MACHINES of 1860, or Massis, ORMEROD AND SCHIELE'S STONE DRESSING MACHINES of 1860.

CHINES of 1862.

Messrs, C. Schiele and Co. further state that they have NO CONNECTION with ANY OTHER FIRM or COMPANY; and further, that Mr. Schiele never was a member of the North Moor Foundry Company, such company being composed of persons who were formerly in the employ of Mr. Schieles, and to whom Mr. Schiele granted licenses on royalty for his oid Patent Fan of 1851, and Tuchines of 1852 and 1855, and which licenses Mr. Schieles withdrew in January of this year.

Spinners, manufacturers, calico printers, bleachers, dyers, engineers, ironfounders, colliery proprietors, &c., desirous of having any of Mr. Schiele's newest inventions, which are guaranteed to be much superior to and no infringement of Mr. Schiele's oid patents, or any other English or foreign invention, and to which they have no resemblance whatever, are respectfully requested to apply to Messrs. C. Schiele and Co., Clarence-buildings, Booth-street, Manchester.

N.B.—LEGAL PROCEEDINGS WILL BE INSTITUTED AGAINST ANY PER-SON or PERSONS INFBINGING ANY of the ABOVE PATENTS.

Now ready, price 1s.,

THE PROGRESS OF MINING IN 1862,
BY J. Y. WATSON, F.G.S., Author of the Compendium of British Mining (publishedin
1843) Cleanings among Mines and Miners, &c.

The Eightenth Annual Review of Mining, Progress appeared in the Mining
JOURNAL of December 28, 1861, and January 4, 1862.

JOURNAL OF Decomper 28, 1861, and January 3, 1892.

A FEW COPIES of the REVIEW OF 1855, containing Statistics of the Metal Trade
the Dividends and Percentage Paid by British and Foreign Mining Companies, and the
State and Prospects of upwards of 200 Mines. Also a FEW COPIES of the REVIEW
OF 1852, 1853, and 1854, MAY BE HAD on application at Messrs. WATSON and GUELL'S
Mining offices, 1, St. Michael's-alley, Cornhill, London. Also, STATISTICS OF THE MINING INTEREST. By W. H. CUELL.

ATSON AND CUELL'S MINING CIRCULAR, published every Thursday morning, price 6d. or £1 is, per annum, contains special Reports of Mines, and the Latest Intelligence from the Mining Districts, from an axclusive resident agent; also, Special Recommendations and Advice upon all subjects sonnected with Mining, and interesting to investors and speculators. A Record of Daily Transactions in the Share Market, Metal Sales, and General Share Lists, &c. Edited by J. Y. Warson F. G.S., and published by Warson and Cuell, 18t. Michael's-alley, Cornhill. N.B. Messrs. Warson and Cuell, have made a selection of a few dividend and progressive mines, which they have reason to believe will pay good interest, with a probability, also, of a rise in value, the names and particulars of which will be furnished on application.

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BRITAIN'S METAL MINES
A complete Guide to their Laws, Usages, Localities, and Statistics.
By JOHN ROBERT PIKE, 3, Pianer's-court, Old Broad-street, London, E.C.
CONTAINS:
Mining for Metallic Minerals considered as a National Industry and as a field for Incestment.

estment.
Geological and Mineralogical Characteristics.
The Mines of Coruwall and Devon.
The Mines of England and Wales (Cornwall and Devon excepted), Scotland, Ireland of the Isle of Man.
System of Raising, Dressing, and Selling Ores.
The Stanzaries Court, and the Cost-Book System of Management.
The Share Market.

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The Share Market.

OPINIONS OF THE PRESS.

"One of the most valuable works for the investor in British Mines which has come and our notice, and contains more information than any other on the subject of which treats."

"We believe a more useful publication, or one more to be depended upon, cannot be

found; and with such a work in print it would be gross neglect in an inve-consult it before embarking his money."—The News and Bankers' Journal. IMPORTANT TO INVESTORS IN MINES. w ready, second edition, price 1s. 6d., by post 1s. 8d. THE HISTORY AND PROGRESS OF MINING IN

THE CARADON AND LISKEARD DISTRICTS.

By WEBB AND GEACH, of the London Stock Exchange.
A good guide for investors, if they wish to invest in the minos of the district book refers. By a careful perusal of its pages they cannot err. It is a citten and well-authenticated book. — City Press.

London: Published by Effingham Wilson, Royal Exchange, E.C.

Now ready, royal 8vo., cloth, 30s.,

MINING, LAND, AND RAILWAY SURVEYING, &c.:

Containing the Errors of the Magnetic Needle, Practical Geometry and Trigonometry, with Description and Use of the Minery' New Transit Theodolite. Also, a new plan of Setting Out Railway Curves, Levelling, &c., underground. With 100 pages of Inbies, the whole illustrated by numerous plates and wood-outs.

By H. D. HOSKOLD, Mining Engineer and Surveyor.

Publishers: Atchies do., 106, Great Russell-street, London.

Sect carriage free.

NEW WORK ON THE VENTILATION OF MINES
By RALPH MOORE, Mining Engineer.
Glasgow: M. Ogle and Son, Exchange-square.—London: Hamilton, Adams, and Co.,
Paternoster-out.

Notices to Correspondents.

* Much inconvenience having arisen in consequence of several of the Numbers during the past year being out of print, we recommend that the Journal should be regularly #led or receipt; it then forms an accumulating useful work of reference.

NOR PRODUCTION FROM A BLAST FURNACE.—A specimen of spun glass was some arm ago given to me as taken from a furnace in Staffordshire. I suspect the strange duction slinded to, though looking like flakes of cotion, may be fine spun glass, ch substances, I apprehend, are produced by the hot gases in the interior of the furce blowing the vitreous and vitrified sing through orifices, whilst in a highly motion its.—F. HUTCHINSON.

SIRES,—P. HOTCHINSON.

WICKLOW COPPER COMPANY.—The Hibernian Mine Company has, by amalgamation with the Wicklow Copper Company, ceased to exist since Sept. 1. In last week's Journal, I observe a great mistake committed by your correspondent here. Each share in the old Wicklow Copper Company is now represented by three shares in the new company, and consequently the great increase in the value of the shares, as stated by him, is quite visionary. The old shares were about 391, to 401, previous to the amalgamation; the new shares are at 131, which is equal to 391, ex div., while your correspondent makes them equal to 621. The shares in the new company are 17,000 in number, of 21, 10s. each, of which 15,000 were allotted for the 5000 shares in the old Wicklow Company, and 2000 for the shares in the Hibernian Company.—J. F. Wright: 1,000 in Jakket Noutragen Miners Company and 3000 for the shares in the Hibernian Company.—J. F. Wright: 1,000 in Jaket Noutragen Miners Company.

Wicklow Company, and 2000 for the shares in the Hibernian Company.—J. F. Waight: Dublin, Sept. 14.

Genea Tourisher Mining Company. In the great cross-cut, which has been in progress so long, a valuable fode has been intersected, and several tons of cre traised of a very high percentage. This cross-cut into the hill gives an immense lode to surface in virgin ground, and needs no expense of pumping to drain the ore ground, which will save the proprietary many thousands of pounds. It is very pleasing to have to record, success of such an important nature to a company who have so patiently waited, and so liberally advanced funds towards the promotion of one of the greatest mining ut deriakings of the present day.—G.

OLD WHAL NEFTURE.—Mr. Josiah Harris has not answered the questions put by "A Shareholder" a fortnight since so satisfactorily as desired. I received a circular from Mr. Alison, one of the late directors, a few weeks since, in which he states that there was only 26; then in the bankers' hands. If that statement be correct, then the non-payment of last month's wages may be accounted for. However, whether the rumours respecting the mine and management be true or not, it is high time to convene a general meeting of the shareholders, and by some energetic measures place the mine in a proper financial position; and if there be any merchants' claims unsatisfied, to liquidate the same. I will not dispute with Mr. Harris as to the number of directors now connected with the company, but I know that one efficial resigned, and two have declined to set any longer, so that out of the six members of the board there may be two, with Mr. Harris, to manage the property, which under present circumstances requires more than commen care and attention.—A Shareholder.

Mining Company for France.—Would you be so good as to correct the error made in last week's Journal, in reference to the iteliable Mines. My report stated a balance of 61, 10s, per fm. of ground, not 161. 10s, per ton, as stated in your City Article.—Geo. Dar

Darlies on the glound, not to the second process and yet to the second process employed by Mr. Henderson was published in the Mining Journal of September and October, 1860. The process has never been successfully applied, except in the extraction of copper from sandstone ores; it consists essentially of converting the copper contained in the ore into a chieride, and then precipitating it. The treatment of the Alderiey Edge deposit has been abandoned for some time, it being necessary, as we stated with regard to the extraction of iron from poor copper ores, to show that the value of the metal produced exceeds the cost of extraction. All processes for the treatment of poor copper ores depend upon the conversion of the insoluble compound of copper usually found in the ore into a soluble compound, which may be washed out with water. The copper contained in the soluble compound, which may be constituted by iron or otherwise. Fall particulars of the most approved methods of treatment will be found in Phillips and Darlington's "Records of Mining" (London: Spon), and in Dr. Lamborn's "Metallurgy" (London: Virtue). Many patents have been taken, the whole of which would not cost above 10s.; the dates, &c., could be found by scarching the specifications printed by the Commissioners of Patents, a set of which can be seen at the Library of Parliament, Quebec.

the Library of Parliament, Queuec, Wheat Carabon.—Being a shareholder in this mine, and living at a distance, without the opportunity or sufficient iclinate to visit it, I venture to seek, through the Journal, as also from my co-shareholders or correspondents, some information corroborative of the reports of the agents. I am induced to seek this not only for our satisfaction, but also in consequence of the irregularity with which the reports are published.—

A SHAREHOLDER.

NORTH MINERA LEAD MINIOG COMPANY.—The following is the resolution which was passed and confirmed by the shareholders of the above company, authorising the directors to issue 5000 per secrete shares, and the terms upon which they were to be issued:—"That the directors be authorised to issue 5000 new shares at 11. each, entitled to a preferential dividend of 20 per cent, per annum, and also entitled to share equally with the ordinary shares in the remaining profits, such preferential shares to be offered at par pro rad to the present shareholders, and those not applied for and paid upon by a day to be appointed by the directors be placed in the hands of the directors, to be disposed of for the benefit of the company."—June 19, 1863.—C. W. W. TROMAS, Sec.: 2, Crown-court, Threadmendle-street, Sept. 18.

NORTH MINERA MINE.—Your correspondent, "C.," is informed, respecting this mine, that the preference shareholders are entitled to a preference dividend of 20 per cent, and if the profits are more than sufficient to pay this, then they are to share equally with the other shareholders in the remainder. In figures, the matter will stand thus:—

If profits are 10001, yearly, preference shares get 20 per cent.

20001.

20001.

30001.

3101

and old shares, 5 25 " 30 " 35 "

", 40001. ", 35 ", 15
So that if the profits are 50001. The old shares at 10s. would be equal to the preference shares at 20s., and yet the former are selling at 4s., and the latter at a premium. "C." need not be alarmed at the pleasant dream lately induiged in by Mr. Lane in "Truth's Echoes"—that the old shares would be swamped by the preference shares. The above figures prove that this cannot be the case. It can only prove true on the supposition that North Minera will never return more than 10001, per annum profit. It will be a poor miserable result, after such confident predictions of the manager, who is best acquainted with the merits of the mine, and such an expenditure of time and money, if it does not return 50001, profits yearly, when its neighbour, the Great Minera Mine, returned in profits last year 60,0001. If the directors expect only 10001, profit yearly, they ought never to have called up the preference capital.—A Large Holder of Old Shares.

THE MINING JOURNAL

Bailway and Commercial Gazette.

LONDON, SEPTEMBER 19, 1863.

British Mining, says a German contemporary, is a great fact, and the compliment is very sagely paid us that we are the only nation of the world by which Mining has been made a really national industry. Other countries, we are told, are equally rich in mineral deposits, nay, far more "geologically distinguished," but the true spirit is not in them to develope the hidden wealth, and to English enterprise, quite as much as to her mineral resources, is the world indebted for an eminently illustrions example of successful industry. We are not prepared to go so far with our Teutonic eulogist, however learnedly he argues the point. British spirit in this sphere of productive labour flags at times very unaccountably, and requirea a fillip every now and then to quicken its impulses in the fight direction. It is a strange anomaly that with the advantages afforded in our mineral districts speculation should ever lull, should ever repose dormant and sluggish over those national El Dorados; but so it does; and when the cause of this inertness is enquired into, it is impossible to discover a graver reason than that So-and-so lost a thousand pounds in a mine in Cornwall, and he is a living warning to the world not to go into mining. Well, the fact is a deplorable certainty we admit, but it is by no means an evidence that So-and-so was wise in his generation, if he were he would have taken better care of his money; that is, he would have invested it, not like the purchase of a lottery ticket, upon the mere estimate of chances, but upon that available counsel which at the present time is based upon the science of mining, is within the reach of every man, and without which it may be possible, but it certainly is not probable, that success in mining adventure can be achieved.

We say now what we have often said before, that if loss is the destiny of many who dabble in mining matters they have in nine cases out of ten

can be achieved.

We say now what we have often said before, that if loss is the destiny of many who dabble in mining matters they have in nine cases out of ten only themselves to blame for it; and we go further, and assert that if the veriest ordinary prudence is observed in the transactions entered upon there can be secured such advice as will, except in rare instances, ensure mining investors against the "ruinous losses" attributed to adventure. The attention of capitalists has no much to divert it from sure sources of profit in secured such advice as will, except in rare instances, ensure mining investors against the "ruinous losses" attributed to adventure. The attention of capitalists has no myth to divert it from surer sources of profit in mining; there is no such uncertainty in it as is so frequently represented—the allegations which a certain class indulge in to its detriment are unjust and puerile; in fine, as a rule, it may be taken for granted that he who in these days fails to any material extent in this enterprise would not be very likely to succeed in any other. However, it unfortunately happens that prejudice goes far and wide in hostility to mining; like that deteriorate to the succeed in any other. However, it unfortunately happens that prejudice goes far and wide in hostility to mining; like that deteriorate to elescope that was given, an evil boon, to the Eastern Sheik, and which could only present to him the asperities and aridness of every prospect he looked upon; the medium of judgment to which the decryers of mining trust is "one visioned;" a delusive incapacity, and although not exexcity a falsifier of facts, is, to all good intents and purposes, incapable of discovering the really good and sterling existences in the mining prospective. It would be ill reasoning in favour of a great national good did any one hesitate to admit that risk is as assignable to mining as to other commercial speculations. Failures will occur in this as in enterprises of any other with al, I the om-im, ma-ore old int:

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nature, but we do contend that mining in this country, if entered upon under the sogis of common sense, exhibits but a very ordinary obstacle to the favourable progression of a man's fortunes.

In an interesting brochure before us, from the pen of Mr. T. E. W. Thomas, is a pithy paragraph bearing on this subject, to which we readily accord space. Mr. Thomas, in his preface, remarks that but a short time has passed since the greater portion of the capital invested in mining operations was that of the residents in the mining localities themselves; and he with very effective discrimination points out the advantages which shareholders now possess in having the management and control of adventures fixed in London, thus rendering every facility for enquiry and supervision, and he thus winds up his enumeration of those beneficial availabilities:—"With these facts plainly visible, it is not to be wondered at that this particular and important branch of industry should receive increasing patronage and support; and that from the application of the law of Limited Liability to new companies, increased confidence should be established, and mining investments made one of the leading channels of the day for the employment of capital."

Here is most certainly a fact well worthy the consideration of the monied and enterprising classes, and there is no denying that such the fact is: were a volume to be written on the subject the truth could not be more impressively enunciated, and we value at a very high and just rate indeed the intelligence being daily displayed by the mining community in publications of which Mr. Thomas's pamphlet is a most interesting and bestimable type, an opinion by no means singular.

To all who attach importance to such mining evidence, the following extract will be acceptable, as the embodiment of a truth, to which a too carnest consideration cannot be given. There is nothing of the namby-pamby in its expression: it is a plain matter-of-fact statement, and has all the honesty of conviction about it:—

T

who have employed their means in the right direction.

The right direction certainly, and that is only to be discovered by those who apply for information to men of standing in the social sphere, who are not mere empiries and adventurers; and we are happy to say the Mining agents and sharedealers of London are now, as a body, a class to whom valuable reference can be made, and in whom every confidence may be placed by those who desire mining investment. There is no branch of enterprise that requires greater caution than mining, but we are bound to say—we do so advisedly—that none other repays prudence more richly and enduringly. To this subject we shall suggestively address ourselves, for the benefit of those who are directing their attention to mining investment. The various mineral districts of the United Kingdom shall be brought under the notice of our readers; and while carefully holding aloof from recommending any particular adventures therein, the true facts and features of mining shall be truthfully delineated for the general good.

THE PIG-IRON TRADE.

From carefully prepared and elaborate statistics, compiled from "Mining Statistics for 1862," just published by Mr. Robert Hunt, F.R.S., it would From carefully prepared and elaborate statistics, compiled from "Mining Statistics for 1862," just published by Mr. Robert Hunt, F.R.S., it would appear that the production of pig-iron during the year 1862 has exceeded that of any previous year, notwithstanding the fact that during the greater portion of that year the iron trade suffered great depression; and that, moreover, the facilities for increased production are rapidly developing themselves. This can be proved by taking, as one instance, the very large make now going on in the Tees and Tyne district alone, where 17,000 tons are produced weekly, with the prospect of that quantity speedily reaching 20,000 tons. This district, almost totally unknown ton years ago, has doubled its make since 1855.

This extraordinary development can be accounted for, in some measure, by the progress detailed in the Times, of the 5th instant, during the visit of the British Association to Newcastle, where, it appears, that one firm alone (Messrs. J. and J.W. Pease) can produce 2000 tons of iron ore daily, with only 400 men; the cost of production there, consequently, cannot be enhanced to any appreciable degree, even with the present agitation of the labour question, bearing in mind that one man can raise 5 tons of ore daily, and that the class of labour employed is of the lowest description.

The agitation in the labour market in South Staffordshire, resulting in the concession of increased wages to the puddlers, has extended to other districts, and the opinion appears to be entertained that higher prices will rule; this idea has induced dealers and consumers of manufactured iron to lay in stock, and to make purchases for forward delivery, in anticipation of a further advance: it remains to be seen how far these anticipation will be realised. Thus, the advance in wages has been made on the more advanced stage of manufacture, which cannot but have the effect of reducing the demand for pig-iron, the raw material.

As regards the Scotch branch of the Pig-iron Trade, it appears

Injurious Action of Lead Pipes on Water.—The importance of discovering a really efficient means of preventing the injurious action of lead pipes on water is universally acknowledged, and the experiments of Dr. Crace-Calvert have proved beyond question that no proposition hitherto brought forward has been calculated to remedy the evil complained of. A discovery, however, has now been made, through which the water supplied by leaden pipes may be obtained by the consumer as pure as from the original source. Dr. H. Schwartz, of Breslau, has discovered a means by which the portion of the lead forming the interior surface of the pipe may be converted into an insoluble sulphide; the natural consequence being that the water passing through will be as free from contamination as if glass were used. The means by which Dr. Schwartz effects this conversion are extremely simple. He merely passes a strong solution of the sulphide of an alkali through the pipe to be acted upon, and the process is completed. This solution, which is either a sulphide of potassium or of sodium, is used at a temperature of about 212° Fah., and is allowed to act upon the metal for from 10 to 15 minutes. It is stated that, in practice, a boiling solution of caustic soda and sulphur is found to answer every purpose.

To Iron Manupacturers.—Extraction of Iron and Steel prox

the working of silicious ores, and can be performed in the puddling, cupola, or blast furnace; it can also be worked to advantage in Bessemer's, Neystrom's, Swett's, and other similar furnaces. The preparation of the cinder, cost of lime, sait, &c., do not exceed \$2 per ton, and the result is, if properly worked, invariably a good quality of iron.—A. L. Fleury, Chemist, Philadelphis, Aug. 20.

tarnace; it can also be worked to advantage in Bessemer's, Neystrom's, Swett's, and other similar furnaces. The preparation of the cinder, cost of lime, sait, &c., do not exceed \$2 per ton, and the result is, if properly worked, invariably a good quality of iron.—A. L. Fleurs, Chemist, Philadelphis, Aug. 20.

Non-Fxplosive Blasting-Powder, patented by Mosses, Kellow and Short, of Delabole, was described in the Minsing Journal of Feb. 21, and within the last week some experiments with the powder have been made at the Cragpark Quarries, in Scotiand, the result of which was highly satisfactory. The powder, it will be remembered, is manufactured by adding to a boiling solution of the nitrate of sods, or of potash, peat, usa, or sawdust, and then mixing chlorate of potash with it; the addition of flowers of soliphur in powder completing the process. The powder bear no resemblance to gunpowder, is of a light brown hue, burns gradually away in open air; and while equal to the other as a blasting-powder, can, if the most ordinary precautions are taken, be used with the utmost impunity. A bore of about 4½ ft. in depth was made in the quarry face, and charged with the new powder, which, on being ignited, threw up the ground around the bore and loosened the adjacent stones with a force that showed its strong explosive powers, while at the amother good feature of the invention was apparent in the limited volume of smoke that came from the blast. The advantage of this latter quality will be obvious to all who know, in mining particularly, the great volumes of smoke sent forth by the ordinary powder are apt to retard the resumption of the work near the place where the blast was made. Other experiments were then tried at the quarries, with equal success, every hole being fired with a uniformly fortunate result. The facility with which the powder is exploded in tamping will form an interesting analycit for enquiry, and also whether it is more specily affected by the absorbation of humidity from the atmosphere. Upon Messrs. Kel

intitud stream on it and the east-fron; all that is necessary is to make it a fair and easy it; not tile legith is so adjusted that by according up the breech-screw it may be considered to the process of the recess by the configuration of the process of the recess of the recess of the configuration of the recess of the recess of the configuration of the recess of

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without deflection nearly four times the weight considered to be ne engineers, and twice that estimated by English engineers.

REPORT FROM NORTHUMBERLAND AND DURHAM.

REPORT FROM NORTHUMBERLAND AND DURHAM.

SEPT. 17.—The Coal Trade continues to improve slowly, and the exports from the north-eastern ports during the last month have been good, having been 400,641 tons, against 416,069 tons in August last year. This, on the whole, is a satisfactory result. A considerable increase has occurred at some of the minor ports. The Iron Trade continues to progress most satisfactorily, there being a good demand for pigs and iron of every description, with rising prices. It is worthy of notice that previous to the discovery of the Cleveland ore the total number of smelting-furnaces in the district was 32, but since that most important discovery 73 furnaces have been erected, thus making the total number at present in blast 105. Several others will shortly be added to this total. The price of Pig-Iron at Middlesbro' at present is—55s, per ton, f.o.b.; No. 2, 54s, per ton; No. 3, 53s, per ton; No. 4, forged iron and mottled, 51s, per ton; white, 50s, per ton. Ships are rather scarce in the north-eastern ports at present, and consequently freights are high. Coal freights to London are from the Tyne 7s, per ton, and to other ports at corresponding rates.

A most lamentable accident occurred in a new shaft sinking at the Black Boy Colliery, on Saturday last, by which four men were killed. A shaft was being sunk at this place by Mr. Coulson, the well-known sinker, he having contracted for the same, and on the day in question a cradie was lowered, and saveral men descended, for the purpose of inserting a pipe into the metal tabbing, intended to relieve the pressure on this tabbing, the point where this pipe was to be inserted being 54 fms. from the surface and 51 fms. from the bottom of the shaft. The men on the cradie were John Elvin (manager), George Elwin, Henry Davison, Richard at the inquest that the men were angaged when he descended in securing a wrough-tiron pipe to some others below, and when that was effected they prepared for putting water-tap in the nozale or branch-pipe from the tu

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REPORT FROM MONMOUTH AND SOUTH WALES.

REPORT FROM MONMOUTH AND SOUTH WALES.

SEPT. 17.—The position of the Iron Trade has not materially changed since my last report, and matters remain in about the same state at the different works. No definite action has been amounced as yet on the part of the puddlers, and there is evidently a want of that unanimity which characterised their morements a few years ago. The difficulty, I apprehend, is as to who will take the lead in applying for an advance, and once this is done, then it may naturally be expected that the example will be followed at nearly all the works. The ironmasters of the district are well supplied with orders, and the future is looked forward to with confidence. Merchant bars are quoted 61. 5s. to 61. 7s. 6d., and there is not an order booked at lower rates. The colliers of the district are more forward in their demands than the puddlers, for they have already held meetings and consultations, and it is pretty clear that they will make a determined effort to obtain a rise. I do not mean to assert that a turn-out will be the result if their demands are not satisfied; and it is only right to state that at the meetings referred to, a strike was generally deprecated, as such a step had always ended in placing the collier in a worse position than before. The arguments that can be adduced in support of an advance to the colliers are not so strong as in the case of the puddlers, and this is easily proved. There has been a clear advance of from 10 to 15 per cent. in the price of iron within the last twelve months, but the colliery proprietors, with perhaps a few exceptions, have not succeeded in obtaining one penny advance. It is true that the demand has improved of late, and that some of the coalmasters entertain rather decided views on the point, and that it is quite clear that the application will not be acceded to, at least for the present taken between this good and the factors. The coalmasters entertain rather decided views on the point, and that it is quite clear that the application will not

faction throughout the South Wales district. A secretary and manager of a salve railway as the South Wales, requires no little tact and ability, as so ulties have to be surmounted, and that without displeasing the public ing the public ion are so bies

ies have to be surmounted, and that without displeasing the public. In Mr. rs' business capacity, experience and an obliging disposition are so blended, that always stood well in the estimation of the public, and more especially of that it body—the freighters on the line. sollowing patents were scaled last week:—Mesers. John Harris and Joseph Butler, ool, Mosmouthelire, and Mr. John H. Fraser, Lianvrechis Upper, Monmouthelire, and mr. John H. Fraser, Lianvrechis Upper, Monmouthelire, and acts, and tars of iron. Mesers. W. J. Clapp and N. Coats, Monmouthelire—Imstructure-plates for vessels, turrots, targets, forts, and other structures in which plates are or may be used.

gat the list of bankrapts in Tuesday's Gazette is the following:—C. H. Waring, sith, ironmaster.

Mr. S. R. Rogers.—The funeral of this esteemed and lamented gen MR. S. B. ROGERS.—The funeral of this esteemed and lamented gen-tleman took place on Friday, at Llanfoist, near Abergavenny. Besides the immediate members of deceased's family, the following gentlemen were also present to pay their last tribute of respect to one whose talent and knowledge had so materially contributed to the prosperity of the district:—Mr. W. Habakkuk, Newport; Mr. Illingworth, Newport; Mr. W. Adams, Ebbw Vale; Mr. W. Needham, Beaufort; Mr. Mensiaus, Dowlals; Mr. D. Habakkuk, Nant-y-glo; Mr. Elias James, Blains; Mr. Charles Jordan, Newport; Mr. John James, Blaina; Mr. Gorge Under-hill, Blains; Mr. James Phillips, Nant-y-glo; Mr. Thomas Parry, Blaina; Mr. William Parry, Blaina, &c.

hill, Biaina; Mr. James Phillips, Nant-y-glo; Mr. Thomas Parry, Biaina; Mr. Willian Parry, Biaina, &c.

The strivals at Swansea include—the Europa from Alcante, with 211 tons of silve ore, for Dillwyn and Co., and 117 boxes, containing I cwt. 1 qr. 2 ibs. of silver ore, for Bidwyn and Co., therirade Antina from Genoa, with 3389 bags containing minerals for Henry Bath and Son; Delaware from Cobiga, with 460 tons of copper ore and 10 tons of copper, unwrought in pigs, for Henry Bath and Son; Undaunted from Cherbourg with 168 tons of iron ore, for the Dowlais Iron Company; Zahlima from Pan des Azucar with 700 tons of copper ore, for Richardson and Co.; Liberator from Waltaros, South Australia, with 770 tons of copper ore, for Richardson and Co.; Saltram from Cherbourg with 180 tons of iron ore, for the Dowlais Iron Company; Zouave from Cherbourg, will 110 tons of iron ore, for the Dowlais Iron Company;

NEATH HARBOUR.—Abstract of the trade of the port of Neath (including the Briton Ferry Docks), for the month ending Aug. 31, 1863, and corresponding month 1862:—

1863.

1862.

No. of vessels. Tons regis. Tons bdn. No. of vessels. Tons regis. Tons bdn.

European trade. 18 1,5 Coasting trade 233 17,6	340 2,7	39 27	9,331	. 3,816
Total	1862. 5,038 1,310 4,666	Coal, coke, and Copper	1,084	28,359 63 1,166
### Pit and cord wood 686 ### Miscellaneous 404 Total	403	Miscellaneous .		_

REPORT FROM NORTH AND SOUTH STAFFORDSHIRE

REPORT FROM NORTH AND SOUTH STAFFORDSHIRE.

SEFT. 17.—It is now the general belief that at the preliminary quarterly meeting of ironmasters next week a further advance of 10s. per ton in the price of iron will be made, making 11. on the prices of the commencement of the quarter, which was the advance many advocated at the time 10s. was put on. There can be no doubt that the demand is now very good, and that orders have for some time been refused, except at quarter day's prices, and some have been taken at an advance of 10s. on the last rise. The main ground for expecting this improvement in the demand to continue is the splendid harvest, which the present fine week will all but entirely see safely housed, and which will unquestionably add a very large sum to the annual income of the country. This must unquestionably influence trade generally, and the iron trade is one of the first to feel any impetus, as iron enters largely into almost every new undertaking. Pigiron is firm at a considerable advance. It is remarkable that Staffordshire pigiron, and that not of the highest quality, is going to Sheffield, proba-

impetus, as iron enters largely into almost every new undertaking. Pigiron is firm at a considerable advance. It is remarkable that Staffordshire pigiron, and that not of the highest quality, is going to Sheffield, probably to mix with hematite iron, with which it forms an admirable union, giving to the hardness of the iron the ductility and toughness in which it is deficient. The demand for coal is steadily increasing, and as winter advances will probably become brisk. The wages question is being steadily adjusted, and though in some branches there are matters not yet arranged, there is a good prospect of adjusting all difficulties shortly.

A new application of steam locomotive power for this district has been made by the production of small engines, capable of drawing the trams on the narrow tramways in collicries. Already several of these engines are at work, and thus the use of horses is economised by a power which consumes nothing when not at work. The Birmingham Journal says—"The Parkfield Iron Company have just placed upon the rails, which extend from their furnaces to one of their collieries, a quarter of a mile away, a colliery locomotive, which bids fair to result in a saving to its owners of 500L a-year. The difficulty has hitherto been to construct a locomotive of a sufficiently narrow guage, and that could be worked round the sharp curves that are now and again to be found upon colliery tramways. Such an engine, it is thought, has now been obtained. It was placed a fortnight ago upon the ordinary tramway which had previously been worked by teams, and it has been running ever since. We draw attention to it here because of the great economy which would seem to be the result of its use, and the consequent importance of the subject to the coal and iron trades. It is easy to calculate that if a locomotive will displace 15 or 20 horses, and its original cost is (say) 350L, such a saving as we have indicated must result from its adoption; and that even where fewer horses are required to be supplanted, to

ne line, the principal dimensions wheels, four coupled, 2 ft. 6 in. 10 in. diameter, 14 in. stroke; wheels, four coupled, 2 it. 5 in. diameter; wheels base, 5 ft. 6 in.; pressure on boiler, 100 list, to the square inch; weight, 9 tons 5 owts. This engine has taken a load of 30 tons up an incline of 1 in 20; and one of 100 tons up an incline of 1 in 70; and one of 100 tons up an incline of 1 in 70; actualize of weight of engine, to both instances. The third engine to be started this week on the rails of the Chillington Company is of larger dimensions than either of these. Its performances have yet to be sacertained; but those of its predecessors above noted sufficiently to tell of the value of coiliery loconotives, and it is as just as it is complimentary to Messrs. Smith and Higgs to remark that the difficulties of their adaptation in this neighbourhood should have been first overcome at a rural village foundry.

REPORT FROM DERBYSHIRE, YORKSHIRE, AND LANCASHIRE.

REPORT FROM DERBYSHIRE, YORKSHIRE, AND LANCASHIRE.

SEPT. 17.—The commercial aspect of the country, so far as the Iron Trade is concerned, is most decidedly on the improve, and the past week has brought an addition of orders, not only for the home market, but for exportation. The recent advance in the wages of the puddlers has determined many to look forward to the next quarterly meeting for an advance in the price of manufactured iron, which it is expected will be at least 10s. per ton. This has given rise to many speculative purchases, but how long this improvement may continue remains to be seen. The stocks are generally low, and have been so for a considerable time past, and any indications of activity are soon feit. There is a corresponding increase in activity in the Steel Trade. The demand for heavy castings, gun-metal, and railway material is very considerable, but there is a great amount of caution exercised by merchants as to purchases. Altogether, considering the critical state of political affairs, and the depression existing in the manufacturing districts, the trade is in a more healthy position. The Coal Trade is improving, and the enquiry for the better descriptions of coal is comparatively more active now than it was at this season last year, though the trade cannot be described as active. The manufacturing districts are receiving a greater supply, but the increase in manufacturing industry in Lancashire is very moderate. The strike of the Methley colliers, though to an extent terminated, is exercising a prejudicial infusence on those at work, and meetings have been held in several places with the view to raise funds for the support of men on strike; indeed, to support what is called the Miners' Union. The dispute about the riddling of the coal has been abandoned, and the 7½ per cent. has been not appear to be errowned with any great success.

Lead mining matters in Debyshire have never been known to be quieter than at the present time. Owing principally to depressed trade, there has been ittel

atterry success has been the exception to the general rule, consequently capitalists have even rather shy in speculating.

The local stock and share markets have been very dull, and we have had little doing keept in bank and stock shares. Mining shares are merely nominal.

The applications for Letters Patent include Mr. William Taylor, of the Lawton Iron-vorks, for the manufacture of iron rods, and in machinery to be employed in the said nannfacture; Mr. Joseph Rhodes, of Morley, for an improvement in piccing machines; dessrs. J. D. Lee and J. Crabtree, of Shipley, for improvements in looms for weaving.

THE BRITISH ASSOCIATION-NOTES.

THE BRITISH ASSOCIATION—NOTES.

Our Coal Resources.—Much misapprehension appears to have been occasioned by that part of Sir W. Armstrong's address at the opening of the British Association meeting at Newcastle regarding the resources of our coal fields. It seems in many quarters to have been supposed that when the President spoke of the probable exhaustion in about two centuries he was referring to the coal supply of the whole kingdom, whereas he distinctly limited the remark to the coal field of Durham and Northumberland, in the immediate neighbourhood. As regards the supply from all our coal fields, the time for exhaustion demanded was much more extended. This everyone will allow who is acquainted with the mineral structure of the country. When this subject was brought prominently before Parliament during the debates on the commercial treaty with France, in entered into a series of investigations, which were afterwards published in a work on the British coal fields, which I fear (to use Coleridge's expression) is to the public generally "as good as manuscript." Nevertheless, I believe the results there stated are incontrovertible. Adopting the limit of depth at 4000 ft., I found that there was enough workable coal to last, at the rate of consumption should ultimately reach 100,000,000, for nearly 1000 years, and, even if the consumption should ultimately reach 100,000,000, for nearly 1000 years, and, even if the consumption should ultimately reach 100,000,000 may the most valuable seams should not be followed to even greater depths than 4000 ft. I adopted that depth on considerations connected with increase of temperature and pressure; but it would be highly presumptious in anyone to assert that these physical obstacles cannot be overcome. Already a depth of nearly 1000 yards has been reached in Lancashire. Even with the vertical limit of 4000 ft. I have since found reason to be stacles cannot be overcome. Already a depth of nearly 1000 yards has been reached in Lancashire. Even with the vertical limit of 40

EXHAUSTION OF COAL.—The observations of Sir William Armstrong on the subject of coal, in his recent philosophical address to the British Association at Newcastle, seem to have excited public attention. Accord-

in a century or so, and may one day come tumbling upon us. The whole of the solar system seems to be travelling—some report at the slow rate of 47,000 miles an hour—towards an unknown region of infinite space. Great Britain, therefore, has no reason to complain if she shares the common fate of all things, whether in the heavens above er on the earth beneath.—Y.: Sept. 14.

to complain if she shares the common fate of all things, whether in the heavens above or on the earth beneath.—Y.: Sept. 14.

OUR COAL RESOURCES.—The admirers of my honoured father cannot but be pleased to see that "W. C. L." quotes his authority as regards this important subject. In answer to the query of "W. C. L.," as to whether goologists can confirm or refute the Dean's statements, I beg to call attention to the amountations of Mr. Robt. Hunt, of the Mining Record Office, to the Dean's chapter on the "Beneficial Deposition of Coal Strata," as published in Routledge's edition of the "Bridgewater Treatise," 1838. In 1836 Dr. Buckland wrote: ... "The destruction of coals on the firey heaps near Newastle, although diminished, still goes on to a frightful extent that ought not to be permitted, since the inavitable consequence of the practice, if allowed to continue, must be in no long space of the analysis of the standard sta

BUCKLAND, M.A. (late Assistant-Surgeon 2d Life Guards): Athencum Club.

An ELECTRO-MOTIVE ENGINE was exhibited and described by Mr. W. Ladd. The machine consisted of two coils, forming a powerful electro-magnet, revolving on an axis parallel to the axes of these coils, and at equal distances between them. On the stand four pillars, forming coils, were planted in the circumference of a circle round the revolving electro-magnet, and at such a distance from it as just to permit its free motion. By a simple contrivance, similar to the commutator, the electric current was so transmitted and reversed as to make each of the pillar coils a magnet, with the pole it presented to that of the revolving coil as it approached it, of the opposite name, south or north, but the instant it passed, reversing it into one of the same name; thus, while advancing it is attracted, but the instant it begins to retire, repelled, and so a constant motive force is applied to keep it revolving. The engine exhibited was mounted with bevel wheels, carrying an axle, on which a cord could wind up a weight of some pounds. It was asso furnished with a friction-break, by which its power, which was, even with only two Grove's cells, considerable, could be exactly measured.

pounds. It was also furnished with a ricetion brank, ownstream which was, even with only two Grove's cells, considerable, could be easily measured.

FOREIGN MINING AND METALLURGY.

The Liége Chamber of Commerce has just published its report on the situation of industry in its district during 1862. The report offers some "appreciations" on the general position of metallargy, which are correct not only as regards the Meuse group, but also with respect to other producting centres. "The sale prices" says the report, "theve again given way, from 24, 14s, per ton for ordinary white pig, and 24, 18s, per ton for hard white pig, which were the normal rates of the bars on the c 4, 18s, per ton for hard white pig, which were the normal rates of the bars on the c 4, 18s, per ton for hard white pig, which were the normal rates of the bars on the c 4, 18s, per ton for hard white pig, which were the normal rates of the bars on the c 4, 18s, per ton for hard white pig, which were the normal rates of the bars on the c 4, 18s, per ton for hard white pig, which were the normal rates of the bars on the c 4, 18s, per ton for hard white pig, which were the normal rates of the bars on the complex of the product of the furnaces. As in 1861, so in 1862, the export of pig from the works of the melabourhood of Charterot, the furnaces of the Samber group having delivered into France such considerable quantities of pig as to render the supply of the from works on the soid a matter of some difficulty. An early modification in the present situative of the product of the product of these works, a transmit on a matter of some difficulty. An early modification in the resent situation, are for group of the product of the product of these works, transmit on the tende of 18d, the limits works have succeeded in considerable quantities of pig as to render the supply of the from works. The sole outlets for the products of these works, transmit when the products of the year, and a fish part meeting of feromateurs next week a further advanced of the per ton in the office of the quarter, which was the aforement any elevancial and the many elevancial and the aforement is not to the quarter, which the demand is now very good property. The many elevancial and the aforement is not elevancially the many elevancial and the demand is controlled to the demand is controlled to the demand in controlled to the demand is controlled to the demand in controlled to the demand is controlled to the demand in controlled to the demand is controlled to the demand in controlled to the demand is controlled to the demand in controlled to the demand is controlled to the demand in controlled to the demand is controlled to the demand in controlled to the demand

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resintains itself well. The water-courses have been sufficiently supplied in the district, and all the establishments have been enabled to actively resume operations. The slocks of coal are exhausted, and arrivals from the North are suspended in consequence of want of water in the canais; orders have been reserred to Prussia. The conspany fermed for the construction of a line of railway from Arras to Etaples has concluded with the Wendel works a contract for about 15,000 tons of rails. The works of the Morslew as also, it is understood, obtained the deliveries of rails required for extensions of the Northern and Eastern of France systems; work is consequently abundant, and some establishments will probably find it necessary to extend their means of production. The Creusot and Hayange works have also obtained orders for railway materials, but on terms showing that an intense competition prevails with regard to the supply of this description of fixed plant.

There has been no change in the tone of the Paris copper market, English being quoted 96L, Lake Superior 108L, and rough Chilian 89L per ton. During the past month affairs in United States copper have been almost mil at Havre, the deliveries having been confined to 5½ tons against 29½ tons arrived; the stock on Sept. I was 257% tons, of which 116 tons are Minesotamark. Some transactions have taken place in Chilian on consumptive account, and 172 tons have changed hands on speculation at 59L, at which price total sales in August were 31 tons, which were run off at 57L to 88L, 4s, per ton for red, and 50L to 50L tons serve is maintained at 50½ at to 51 fl. At Berlin and Coiogne affairs have been quieted the rates previously reported. Copper remains in favour at Hamburg; good descriptions are especially in demand, but stocks are exhausted, and the quantity of Lake Suprior which remained available has been re-forwarded to the United States. Banca in has rannined quiet, and without any demand at Amsteriam and Rotterdam; it: he is to be continuation at 74 fl. The m

LITERARY NOTICE.

Railways in the East, and generally in High Thermometrical Regions.
(In two vols.) By W. Davis Habroll, late one of the resident engineers of the Smyrna and Aidin Railway, author of "Railway Construction," &c. London: Atchley and Co., 106, Great Russell-street, dford-square.

gineers of the Smyrna and Aidin Railway, author of "Railway Construction," &c. London: Atchley and Co., 106, Great Russell-street, Bedford-square.

The purpose of this book is, according to the author's own language, "to analyse the conditions under which the construction of railways, the management of works, and the development of such undertakings, have to be carried on in the East, and in the only partially inhabited districts of those regions; also the conditions of men, their habits and capabilities, and of a multitude of other circumstances." He "wishes to submit to engineers and others, whose labours have not led them so far from home" (as he himself has been, we presume the meaning to be) "some few practical observations, which he has made during the performance of his professional duties, and which, merely relying on the value fairly attributable to the experience of every man, he hopes and ventures to believe may be of some slight use to all who are interested in these undertakings, either by the anxious duty of supervision, or through their having made investments in such enterprises, the uncertainty of which must naturally cause some anxiety." The author does not bring before us the subject of his work in very clear and intelligible language, although this may, doubtless, be attributed to a certain degree of modesty, which is, to some extent, characteristic of the manner in which the man of hard, unyielding, inelastic facts and experiences, gives one an introduction to the surprising results facts and experiences, gives one an introduction to the surprising results facts and experiences, gives one an introduction to the surprising results facts and experiences, gives one an introduction to the surprising results facts and experiences, gives one an introduction to the surprising results facts and experiences, gives one an introduction to the surprising results facts and experiences, gives one an introduction." These plates are, indeed, valuable to the railway engineer, in the paths of the publisher,

REVIVAL OF THE SCIENTIFIC DISCOVERIES OF THE ANCIENTS.—We inderstand that the Law Officers have fixed Tuesday next for the re-hearing of the opposition to the sealing of the patent for the Polytechnic ghost. The patent was opposed on the notice to proceed, but the re-hearing has been granted upon the application of Mr. Direks. That Prof. Pepper is entitled to great credit for having produced the effect of the Polytechnic cannot be questioned, but there is little hopes of those interested in the proposed patent being able to recover royalty from others who have used it, inasmuch as been greated and the producing the effect is described aimost in the same words as Mr. Direks used in his paper yead before the British Association, and reported in the Mining Journal of Oct. 2, 1885, in the work entitled "Natural Magick, by John Espitist Porta, a Nea-politane, in 20 books, wherein are set forth all the riches and delights of the Natural Sciences. London: Printed for Thomas Young and Samuel Speed, and are to be seld at the Three Pidgeons and at the Angel in St. Paul's Churchyard, 1698." The description, from Forta, an earlier edition of whose work was published about 1881, was quoted in "Magia Universalis Natures et Artis," &c. by P. Gasparis Schotti, regiscuriant esocietati Jesu, which was published at Frankfort in 1657. From Mr. Direks' researches in collecting the information for his "Ferpetuum Mobile," he must have become quite familiar with the works both of Porta and Schottl, which would account for the similarity of the descriptions. The case is one to which great importance will attach, from its bearing upon the question of the validity of old inventions re-patented, and in our next we shall give the result of the Law Officers' decision. "According to the general opinion, the publications in the Mining Journal and elsewhere in 1858 would be quite sufficient to render any patent taken subsequently for the same discovery invalid. REVIVAL OF THE SCIENTIFIC DISCOVERIES OF THE ANCIENTS,-We

MINE ACCIDENT.—At South Tolgus Mine, Wm. Wearne was drowned 13 fm. level winze by an influx of cidental Death."

in a 12 fm. level winze by an influx of water from an old shaft in Tchidy. Verdict, "Accidental Death."

At the Dreenlemane Barytes Mine a serious casualty occurred on Saturday. This mine, which is situated on the property of Lord Bandon, was worked some years since by a London proprietary to a depth of about 20 fathoms, and then abandoned. It was again opened by some English gentleman early in the past year, and some idea may be formed of the extent of the deposit of this mineral, when we state that nearly 1000 tons have been raised and shipped since the month of May last. There have been, however, we are informed, startling indications for some time past of the insecreben, however, we are informed, startling indications for some time past of the insecreben, however, we are informed, startling indications for some time past of the insecreben, however, we are informed, startling indications for some time past of the insecreben, however, we are informed, startling indications for some time past of the insecreben port the enormous pressure of a singularly loose and frisable stratification. The new joint he interest in the startling in the startling in the road impassable for a considerable space—not unlike what we may suppose to be the appearance after the visitation of an eartrquake. Fortunately, there wonly one man at work in the bottom of the mine, who was unconscious of danger until his attention was arrested by the man as turface. The latter was first aroused by the noise of timber suddenly cracking, and the simultaneous fail of ground in the upper level. His companion had bearly time to spring into the kibble, where he was raised with all speed to the surface undurt and the overwhelming rain. It is supposed that the event has been accelerated by the late heavy rains. The situation of the mine presents a natural outlet for the drainage of the Dresnlemane Mountain, and a considerable volume of wafer thus found its way through the flashers formed between the soft clay-slate after a very dry summer. It is to be

NEW INVENTIONS.

PROVISIONAL PROTECTION for six months has been granted for the following during the past week:

J.E. Dowson, Victoria-street, Westminster.—A new application of rolled metal plates to the formation of road-ways, bridges, tramways, and other structures. Dated Aug. 6.

R. Thonyroon, New Charlton, Kent.—Improvements in machinery for planing curved, curvilinear, irregular, and other forms in steel, iron, and other metals. Aug. 21.

G. Daviss, Lincolnis Inn, London.—Improvements in the manufacture of iron and steel from the cinders and refuse of paddling and other furnaces, and from certain kinds of ores. Aug. 28.

F. C. P. Horymann, Newgate-street, London.—Improvements in shears for cutting J. Lawis, Manchester.—Cratin improvements in machinery or apparatus for preparing and drying civy, and also in machinery to be employed in the manufacture of bricks and tiles. Sept. 2.

LETTERS PATENT have been issued for the following:—

W. R. MULLEY, Plymouth.—Improvements in sheathing iron ships, caissons, and other like structures. March 11.

H. WILSON, Watling.-street, City.—Improvements in machinery for shaping wood.
J. Poliknosonsk, Cornwall.—Improvements in treating tin ores, and in apparatus for treating ores and matters containing arsenic. March 12.

LIST OF SPECIFICATIONS published during the week ending September 5:—
Steam hammers, &c., 1s. 4d.; machinery for punching and cutting metals, 1s.; anvils, &c., 6d.

THE FATE OF AN INVENTOR. TO THE EDITOR OF THE MINING JOURNAL.

SIR,—The following letter has been addressed to the Times: the authorship is generally attributed to Dr. Percy,—if so, the writer has not done that justice to his subject which might have been fairly anticipated from such an authority. The Journal of last week afforded the materials for a more complete appeal than that now made—for a more just statement of the claims of the children of poor old Mr. Rogers to the generous sympathy of the iron trade and general public. However, as the supposed writer is a wealthy man, has many friends in a similarly fortunate position, and as his appeal through such a medium may likewise be read by many able to render the required aid, let us hope that the response may make up for the shortcomings of "Y."

"A few days ago a death occurred in an obscure street in Newport, Monmouthshire,

render the required aid, let us hope that the response may make up for the shortcomings of "Y."

A few days ago a death occurred in an obscure street in Newport, Monmouthshire, which may not have been hitherto chronicled in the Times. I allude to that of Mr. Samuel Baidwyn Rogers, formerly of Nant-y-Glo. His age exceeded 90 years, and although, by an improvement relating to the manufacture of iron, he largely contributed to the wealth of others, yet he died in the deepest poverty himself. He expressed an earnest wish that he might not be buried in a pauper's grave, and his brother Freemasons have responded to that wish. And now, Sir, let me tell his story. He was formerly employed at large fromworks in South Wales, and committed the indiscretion of publishing "An Elementary Treatise on Iron Metaliurgy." He was formerly employed at large fromworks in South Wales, and committed the indiscretion of publishing "An Elementary Treatise on Iron Metaliurgy." He was dismissed from his situation. The improvement which he introduced was that of iron bottoms for puddling furnaces, and it is one of great practical, and, I might altends add, national importance. It was never patented, nor did he, I believe, ever receive for it any substantial reward. It is true that iron bottoms for certain furnaces had been previously suggested; but to Rogers is unquestionably due the merit of having first rendered their application practicable for puddling furnaces. When he proposed them he was laughed at by some iron-masters of experience, and yet they are now universally adopted. Measured by its results, the invention of iron bottoms is a great one. When the distressed condition of the poor old man became known—a condition not resulting from misconduct on his part—several persons connected with the iron trade assisted him with money; but assistance came too late. An imbedied adapter survives, and efforts are now being made in South Wales to save her from the workhouse. You will, Sir, I think agree with me that this is a and story, worthy

DEED OF ARRANGEMENT.—The action Spitzer v. Chaffen, in the Common Pleas, was on two bills of exchange. The defendant pleaded that he conveyed, by deed of arrangement, his free and personal estate, except the necessary wearing apparel of himself and family, and certain leasehold property which he stated was held at a rack rent, and was of no value, to trustees upon trust to pay all costs incurred, and apply the residue to the use of his creditors, and that he was thereby released from their claims. This pien was (on demurery held good. The Lord Chief Justice said:—"Our judgment must turn upon the point whether this deed has compiled with all the regulations of section 224 of the Bankrupt Law Consolidation Act, 1849. Looking at the words of the section and of the decisions upon it, I think that the intention of the Legislature was that parties should not be compelled to go through the Bankruptey Court, provided they made over all their available assets for all their recreditors equally. One of the objections to the deed is that the defendant has excepted from the deed the necessary wearing apparel of himself and his family. Now, the instructions given to the Messenger in Bankrupty are to selze all a bankrupt's property, except his necessary wearing apparel of the that the Legislature, in an age of humanity and civilization, would direct that a deed of this kind should be void unless it provided that an insolvent should be stripped of the clothing necessary to protect him from the cold."

WEATHER PREDICTIONS.

19th and 20th, will only be a little variable, with a few occasional showers.
26, Throgmortou-street, Sept. 18.

George Shepherd, C.E.,
Author of the "Climate of England."

Royal School of Mines.

ROYAL SCHOOL OF MINES

nder the direction of Dr. Hofmann, and in the Metallurgical Laboratory, under the di-ection of Dr. Percy.

Tickets to separate course of lectures are issued at £3 and £4 each.
Officers in the Queen's service, Her Majesty's consuls, acting mining agents and ma-agers, may obtain tickets at reduced prices.

Certificated schoolmasters, pupil teachers, and others engaged in education are also dmitted to the lectures at reduced fees.

His Royal Highness the Prince of Wales has granted two scholarships, and several thers have also been established.

For a prospectus and information, apply at the Museum of Practical Geology, Jermyn TRENHAM REEKS, Registrar.

MINERALOGY—KING'S COLLEGE, LONDON—
MINERALOGY, with a view to facilitate the study of GEOLOGY, and of the APPLICATION of MINERAL SUBSTANCES in the ARTS. The lectures will begin on Friday, October 2, at Nine o'clock A.M. They will be continued on each succeeding Wednesday and Friday at the same hour. Fee, £2 2s.

R. W. JELF, D.D., Principal.

MINE INSPECTING.—CAPT. JOSEPH WEBB, of REDRUTH, continues to INSPECT and REPORT on MINES and MINERAL PROPERTY. His long experience enables him to form correct opinions of their prospects and intrinsic values. Samples taken from all the tutwork operations, and the real value ascertained.—August 14, 1863.

TO MINERS.—TO BE LET, BY TENDER, the DRIVING of a LEVEL of about SEVENTY FATHOMS, on a 5 ft. silver-lead lode, at the CORBET DOVEY MINE, ABERDOVEY. Water free, and ample rubblish room close at hand. Tenders to be sent in before the 1st of October next.—For particulars, apply to Mr. H. Joses, auctioneer, Aberdovey, North Wales.

TO MINING ENGINEERS, COAL AND IRONMASTERS. The ADVERTISER, of several years' experience in thick and thin coal, and frontone mines, in South Staffordshire, is at liberty to TREAT with any respectable AGENT. Is well up in dialling, levelling, surveying, working of plans, tracings, fac. If not a vacancy, would fulfil the duties of colliery clerk for a period. First-diass references.—Address, "Ata," Post-office, Wolverhampton.

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a serious casualty occurred on
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TO PROMOTERS OF PUBLIC COMPANIES perty would be sold on reasonable terms.—Apply to Mr. PRITCHARD, MINING J office, 26, Fleet-street, London, E.C..

POR SALE, SIXTY TONS of ROUND IRON BARS, 18 lbs. to the yard, suitable for rails in quarries or mines, and other purpless, Apply to "H. E. S.," care of Mr. Bradshaw, 34, Jermyn-street, London.

FOR SALE, an excellent 30 in. cylinder PUMPING ENGINE, 9 ft. stroke, equal beam. -Apply to Mr. Hollow, Leiant, Cornwall.

NEWCASTLE MEETING OF THE BRITISH
ASSOCIATION.
The most COMPLETE REPORT of the PROCEEDINGS of the BRITISH ASSOCIATION at Newcastle appeared in the "NEWCASTLE DAILY CHRONICLE."
Copies of the papers containing the reports have been bound together in an illustrated wrapper, and constitute the most elaborate report of any annual meeting of the Association ever published. Price 3s., by poet 3s. 4s.
Orders received at the "Chronicle" office, Newcastle-upon-Tyne.
London Agents: Meeers. Farrah and Dunbar, 47, Booksellery-row, W.C.

PERRAN ST. GEORGE MINE, PERRANZABULOE. CORNWALL,—As the accounts of this mine are about to be finally closed, ALL PERSONS HAVING ANY CLAIM against the company MUST SEND IN PARTICULARS before the 31st OCTOBER NEXT, to the PURSER, Mining Office, Lugley-street, Newport, Isle of Wight.

PARTNERSHIP.—A GENTLEMAN, who possesses an EXTENSIVE CONNECTION for the PURCHASE and SALE of MINING SHARES, would be happy to MEET with a PARTNER to commence this business with him, confining their business to brokerage only and the management of mines. Capital required, £1000, a great portion of which might remain at the bankers. A very large income would be annually derived.—Address, "K. Y.," Messrs. Austin and Fisher, stationers, 13, Moorgate-street, London.

METAL TUBES AND CYLINDERS.—The ADVERTISER has COMPLETED an IMPROVEMENT in MACHINERY for MANUFACTURE of SAME, which is protected at home and abroad. He is now DESIROUS of JOINING with a CAPITALIST to FURTHER the UNDERTAKING, which promises to be a valuable one. A machine is ready for view.—Apply to JNO. KENDRICK, 20, Easy-row, Birmingham.

MERRYFIELD MINING COMPANY (LIMITED).—
RESIDENT MANAGER or CAPTAIN WANTED, to SUPERINTEND the workings at the company's LEAD MINES, near PATELEY BRIDGE, YORKSHIRE.—Applications, in writing only, stating experience, last employment, salary required, and accompanied by testimonials, to be sent on or before the 30th inst., addressed to the SECRETARY of the company, 12, South Parade, Leeds.

MINING CAPTAIN WANTED at TYDDYNGLWADIS
SILVER-LEAD MINE, near DOLGELLY. He will be required to understand
machinery, lead dressing, &c. Applications to be made to me, stating qualifications,
expected remneration, &c.
HUGH FLEMING, Sec.
4, York Chambers, King-street, Manchester, September 18, 1863.

OLLIERY MANAGER WANTED, to TAKE the MANAGEMENT of a small COLLERY in the SOUTH WALES DISTRICT.

-Apply, with particulars as to qualification and salary required, to "W. Q.," MINING JOURNAL Office, 26, Fleet-street, London, E.C.

HEMATITE IRON ORE MINE,—WANTED, a MANAGER at a HEMATITE MISE in WALES, fully competent to take charge of the working and general management.—Applications to be made by letter, addressed to "B. A. C.," Charles Barker and Sons, S, Birchin-lane, London, E.C.

AN ENGINEER of considerable experience is DESIROUS of OBTAINING an APPOINTMENT as RESIDENT VIEWER to ONE or SEVERAL COLLIERIES.—Communications to be addressed "A. B.," 18, Waingate,

WANTED, by an established firm, a FIRST-CLASS COPPER and BLASTING POWDER AGENCY for the NORTH OF ENGLAND.—
Address, "Z.," Post-office, Middlesbro'-on-Tees.

A SUPERINTENDENT of GRANITE QUARRIES WANTED IMMEDIATELY, on the DEVONSHIRE COAST. He must be a person of undoubted skill and experience, capable of opening the quarries in the most judicious way, and having a knowledge of all branches of granite masonry.—Apply to Mr. F. Costello, 17, Old Broad-street, E.C., Lendon, with references and particulars of terms required.

QUARRY INSPECTION.—A PRACTICAL QUARRYMAN, who is well acquainted with all the quarries in North Wales, as well as several in Devonshire and Cornwall, OFFERS HIS SERVICES to INSPECT SLATE QUARRES, and to furnish truthful reports thereon. Highly respectable references given if required.—Address, "Quarryman," Minino Journal office, 26, Ficet-street, London.

LATE QUARRY—TO CAPITALISTS, SOLICITORS, BROKERS, AND OTHERS.—The ADVERTISER IS DESIROUS of DISPOSING OF, on advantageous terms, a VALUABLE SLATE QUARRY IN CARNARYONSHIRE. Or would be happy to treat with a respectable party to form a limited liability company to work the same.—Address, WILLIAM MORRIS, Esq., MINING JOURNAL office, 26, Fleet-street, Londop, E.C.

SLATE QUARRY.—The LESSEES of very VALUABLE SLATE ROCK PROPERTY in MERIONETHISHIRE, within three miles of a shipping port, are PREPARED to DISPOSE of the WHOLE or PART of THEIR INTEREST in the same. There are TWO BEDS of SLATE ROCK, one of a beautiful GREEN and the other a BLUE colour. There is every facility for opening extensive quarries. Terms very easy.—Address, Mr. Morans Roberts, Glaumorfs Slate Works,

NEATH AND PELENNA COLLIERY COMPANY (LIMITED).—Notice is hereby given, that the share certificates can be had in exchange from the bankers' receipts, upon application at the offices of the company.

Officer 150 Leadenbull street version.

By order, J. NIGHTINGALE, Sec.

Offices, 150, Leadenhall-street, London.

THE WICKLOW COPPER MINE COMPANY.—The FIRST ORDINARY GENERAL MEETING of the shareholders of the above company will be HELD at their offices, 43, Dame-street, Dublin, on THURSDAY, the 1st of October next, at Twelve o'clock noon, for the purpose of electing directors and auditors, fixing their and secretary's remuneration, and for other purposes, in pursuance of the Act of Parliament.

By order, HENRY A. CRUISE, Sec. -

LINARES LEAD MINING COMPANY.—Notice is hereby given that, in conformity with the Deed of Settlement, the HALF-YEARLY GENERAL MEETING of the shareholders in this company will be HELD at this office, on THURSDAY, the 24th inst., at One o'clock P.M., to receive the accounts, balance-sheet, and reports of directors and auditors, for the half-year ending 30th of June last, and for the general purposes, as authorised by the Deed of Settlement.

After the general business has been transacted, this meeting will be made special, when it will be proposed "That this company be registered under the Limited Liability Act.."

By order of the Board, J. B. COLOGAN, Sec.

5, Queen-street-place, Upper Thames-street, London, E.C., Sept. 10, 1863.

MR. BRENTON SYMONS, M.E., WILL BE IN CORNWALL UNTIL the 30th of SEPTEMBER. Letters previous to that date should be addressed to his offices, at Truro.—18, Hatton-garden, August 22, 1863.

JAMES H. COCK, MINE SHAREBROKER AND DEALER, J. H. Cock, having had 10 years' experience in the mining market, and being thoroughly acquainted with mines and their management, is in a position to advise or do business on the most advantageous terms. Cash or time bargains promptly attended to.

MANCHESTER.

MANCHESTER.

MR. W. HANNAM, MINING, SLATE QUARRYING, AND GENERAL SHAREBROKER.

OFFICES.

ROYAL INSURANCE BUILDINGS, KING STREET, MANCHESTER. SHARES BOUGHT and SOLD at current market prices, on usual commission. Reliable advice and information given on all investments. A Monthly Circular, recommending first-class dividend and progressive mines, also shares in two or three 'olnt, stock companies of undoubted vaine, may be had on application.

INVESTMENT.—MR. THOMAS SPARGO, STOCK, SHARE, and MINING BROKER, Nos. 224 and 225, GRESHAM HOUSE, OLD BROAD STREET, LONDON, E.C., publishes, every Wednesday, a GUIDE to BRITISH and FOREIGN MINING, and OTHER INVESTMENTS, which should be consulted by all capitalists. Post free on receipt of six stamps.

MR. J. MANSFIELD SMITH, of 38, THREADNEEDLE STREET, E.O., would CALL SPECIAL ATTENTION to the CAMBORNE, LLUGAN, GWENNAP, and REDRUTH DISTRICTS, as the only ones in which mining, energetically conducted, under the management of trustworthy and experienced agents, is certain of success.

J. MANSFIELD SRITH'S JOINT-STOCK COMPANIES SHARE PRICE LIST AND MINING CIRCULAR (sent post free on application) should be consulted by all persons desiring information on mining and other companies. It contains REPORTS on MINES, extracts of PROCEEDINGS of MEETINGS, abstracts of PROSPECTUSES of the principal NEW COMPANIES brought before the public, and a LIST of DIVIDEND and PROGRESSIVE UNDERTAKINGS strongly recommended for purchass. The next number will contain special reports upon several mines in the above-named districts.

ISTICUS.

J. MANSFIELD SMITH most strongly recommends the purchase of Tincroft, Seton FEST SETON, WHEAL HARTLEY, ROSEEAR, CROFTT, NORTH DOLCOATH, and CAMBORNS se, at present prices, es, at present prices, es, at present prices.

Telegraphic orders to buy or sell shares punctually attended to.

Commission, 1½ per cent.

THE NEW CONCORD SILVER, LEAD, AND COPPER
MINING COMPANY (LIMITED).
Incorporated under the Companies Act, 1962.
Capital £30,000, in 10,000 shares of £3 each. Deposit on application 10s. per
share, and payment on allotment £1.

BANKERS—The City Bank, Threadneedle-street.
BROKER—Alfred Bingham, Eaq. 1, Copthall Chambers, E.C.
SECRETARY—Mr. H. Brock.

OFFICES,-11, TOKENHOUSE YARD, LOTHBURY, E.C.

ABRIDGED PROSPECTUS.

ARRIDGED PROSPECTUS.

This company proposes to purchase the freehold estate of Wonwood, near Tavistock, Devon, consisting of 100 acres, and including the valuable lead and copper mine known as Whaal Concord.

This mine was worked many years ago, and £24,000 worth of lead ore obtained from shallow levels, when it was stopped in consequence of litigation between the company and the freeholder. It is now being worked on a small scale very successfully.

A provisional contract has been made for the purchase of the entire freehold, with all its mineral, and the plant of the mine, for £16,000, of which the vendors receive £7000 in paid-up shares.

Samples of the ore can be seen at the office, 11, Tokenhouse-yard, and prospectuses, and forms of application for shares, with the surveyors' reports, may be obtained also of the bankers and broker of the company.

Should no allotment of shares be made, all deposits will be returned.

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COPPER MINES IN SANTO DOMINGO.

At a MEETING of mining engineers, private investors, and others interested in establishing THE PLATANO MINING COMPANY (LIMITED), held on Wednesday, the 26th August, 1863, at the offices of the company, 36, Cannon-street, London, E.C., the documents hereafter mentioned having been read and discussed, and other information clicited, the following resolutions were passed unanimously:—

Proposed by Capt. SAMPSON YIVIAN, seconded by ADAM MURRAY, Eaq.,
Mining Engineers:—

That the reports of Colonel T. S. Hencken, of St. Domingo, and of Messrs. John Pooley and Thomas Husband, mining captains, of Cornwall, employed by him on the copper lodes, &c., of El Pistanito, are very subisfactorily verified by the reports of Professor Ansted and of Don Manuel Fernandez de Castro, Inspector-General of the Cuba Mines, commissioned to report on the mineral resources of St. Domingo by the Spanish Government.

ernment.
Proposed by EVAN HOPKINS, Esq., Mining Engineer, seconded by SWINBORNE J. BOND, Esq.:—
That the indentification by Mr. Thomas Husband of the ore in its natural condition, exbited to this meeting as samples of the produce from the eight copper lodes and their eders at El Platantio, and as being precisely conformable with the ores thence conjent to Messrs. Richardson, of Swansea, and the detailed information given by him the character, progress, and prospects of the mines, should be accepted as conclusive idence of the great local advantages, essential condition, and highly profitable nature the undertaking.

odertaking, see by HENRY NESBITT, Esq., seconded by W. H. MACKRETH, Esq., the prospects for the formation of a company to purchase the freshold estate into and realise its mineral wealth, founded on the preceding resolutions, as mitted to this meeting, is deserving of private encouragement and public conductance.

of prospectuses, maps, reports, &c., may be obtained on application by letter nally, from Mr. LEE STEVENS, 36, Cannon-street, London, E.C.

WEST WHEAL KITTY MINING COMPANY.—
holden at Frances's Hotel, St. Agnes, on Thursday, the 10th day of September, 1863,
Dr. HENRY WHITWORTH in the chair,
The reports respecting the mine, of Captains Joseph Vivian, William Teague, John
Evans, and Nicholas Dunatan, having been read, the following resolutions were adopted:
Proposed by Mr. Wilkiam C. Vivian, and seconded by Mr. Almond E. Paull:
That the mine to be called West Wheal Kitty, in the parish of St. Agnes (hitherto
known and prosecuted by the late adventures under the name of Wheal Rock), bounded
on the north by Wheal Friendly and Polberro Conols, on the west and South by Wheal
Polbren, and on the east by Wheal Kitty, be prosecuted and carried on under and by
virtue of the soveral setts granted by the Right Hon. Viscount Falmouth, Richard Stephens, Esq., and others, for the several terms of 21 years respectively, in the said setts
mentioned.

Proposed by Capt. William Takons, and

mentioned.

Proposed by Capt. William Teague, and seconded by Mr. Alfree Tedden:

That the sum of 4571. 8s. 4d. be paid to Messrs. Vivian, Dunsian, and Pauli, for the several setts now comprising West Wheal Klity, such sum to include all the expenditure to the present date in the working of the mine, amounting to 2571. 8s. 4d., as shown by the cost-book and wouchers produced and examined this day, and all other expenses attending the procuring of the setts, &c.; the adventurers to have all the fin raised during the past working by the said parties, amounting to about 1½ tons.

Proposed by Capt. JOSEPH VIVIAN, and seconded by Mr. JOHN ERSKINE:—

That the mine shall be worked on the Cost-book System, and shall be divided into 5000 shares.

Proposed by Dr. Whitworth, and seconded by Mr. Joseph Dungtan:— That Captain Joseph Vivian be the manager of the mine, at a salary of four gu

That Captain Joseph Vivian be the manager of the mine, at a salary of four guineas per month.

Proposed by Mr. Dunstan, and seconded by Mr. William C. Vivian:—
That Mr. Almond E. Paull be the purser of the mine, at a salary of four guineas per month.
Proposed by Mr. Paull, and seconded by Clas. T. Faller:—
That Dr. Whitworth be the surgeon of the mine.
That Dr. Whitworth be the surgeon of the mine.
That Dr. Whitworth be the surgeon of the mine.
That Messrs. Will, Dunstan, and seconded by Mr. Job:—
That Messrs. Willyams and Co. be the bankers of the mine.
Proposed by Mr. Dunstan, and seconded by Mr. Das. T. Faller:—
That Messrs. Willyams and Co. be the bankers of the mine.
Proposed by Dr. Whitworth, and seconded by Mr. Joseph Vivian:—
That for the payment of the above sum of £457 8s. 4d., and for the carrying on the operations of the mine, a call of 6s. per (5000th) share be made, and payable forthwith, either to the purser or bankers of the company.

Proposed by Mr. Dast. James Evans, and seconded by Mr. Paull:—
That the meetings of the adventurers be held every three months.
Proposed by Mr. Wn. C. Vivian, and seconded by Mr. Paull:—
That the reports of Capis. Vivian, Teague, Dunstan, and Evans, be printed with the resolutions passed to-day, and circuisted amongst the shareholders.

Proposed by Mr. Wn. C. Vivian, and seconded by Capi. Traduc:—
That a suitable steam-engine be purchased and erected forthwith, in accordance with the recommendation of Capis. Vivian.

Proposed by Mr. Joseph Dunstan, and seconded by Capi. Vivian :—
That a the best thanks of the meeting be given to Dr. Whitworth, for his able and courteous conduct in the chair.

That the cest induce of the succession of the continuous conduct in the chair.

Camborne, July 25, 1863.—Wheal Rock Mine is situate in the parish of St. Agnes, and is three-quarters of a mile in length from east to west on the run of the lodes, by about a quarter of a mile in width. It is bounded on the east by Wheal Kitty; on the north by the Polberro Consols and Friendly Mines; on the south and west by Polbrean Mine. It has the principal lodes on which Wheal Kitty adventurers are working traversing the whole extent of the sett, with every indication at surface of being as productive in minerals as this mine. The ground has been worked by old miners to the adit level, with the appearance of its having been frained by horse-power, and the mineral taking away at tribute. To work this mine effectually it requiries that a moderate sized steam pulping-engine should be erected to develope the ground; and as tribute ground is at present being worked below the adit level, and judging from what has been done in the mines to the north and south, and Wheal Kitty to the east, there will be a strong probability of opening up a productive and profitable mine. I may mention that on parallel lodes lying within half-a-mile of the north of the sett timmense profits have been made, and that Wheal Kitty, on the continuation lodes of Wheal Rock, is now opening up a good dividend mine.

up a good dividend mine.

Tincroft Mines, Redruth, Aug. 17, 1863.—I have gone over the sett of Wheal Rock situated in St. Agnes. The mine is in a good locality, and surrounded by, and abutting on, the best mines in the St. Agnes district, having on the east Wheal Kitty, which is fast approaching a dividend state, and a very promising mine indeet; and on the west Polberro Consols, which has made large returns for tin, with good profits to the present parties; as also Polbreen, which I am told has entered the Dividend List, and it is said that it is looking remarkably well for tin. The lodes wrought on in these mines before mentioned would appear to me to pass through the Wheal Rock sett, making it a speculation of no ordinary character, and one that I should like to see worked, believing it will prove remunerative.

WILLIAM TEAGUE.

it will prove remunerative.

St. Agnet, Sept. 9, 1863.—It is a very extensive mines of, which extends from Mesers. Vivian's paint-works incar the Query-road to Beacon-road (near the Beacon-hill), being above 600 fms. in length on the course of the lodes, and 130 fms. in width; it is a first rate it in district, having Polberro, Friendly, Wheal Pye, Wheal Trevauanace, and Wheal Citi Mines on the north; Polbreen and Wheal Harriett Mines on the south and west; and Wheal Kitty on the cast, all of which mines have produced large quantities of tin, and the greater part of them immense profits to the adventurers. The lodes in this mine being a continuation of Wheal Kitty in the same productive as they extend west in Wheal Kitty, and considerable value to your selt. There are two adits driven into this mine—one 30 fms. deep from the surface, the other about 50 fms. deep; the shallow adit is extented several hundred fathoms on the course of the Wheal Kitty lode, and the backs are worked to a considerable extent by tributers; and also the middle levels between the two adits have been driven on the course of the lode about 100 fms.; the back of this level also has been worked on to a great extent; the deep adit has been driven on the course of the lode about 100 fms.; the back of this level also has been worked on to a great extent; the deep adit has been driven on the course of the lode about 100 fms.; and between all the levels we find extensive workings, and have tributers now employed in drawing and stamping tinstuff left in the stulls, which will produce about 12 lbs. of black tin to the ton of stuff, and have no doubt but that considerable quantities of tin and copper must have been raised. There is a cross-cut extended south about 80 fms., which has cut a lode answering to the bearing of Wheal Kitty south lode, and which, no doubt, might be cut in the senjine-shaft in sinking about 60 fms. under the adit. We find that the mine has been sunk under the adit about 30 fms., and the reports are very favourable that ther king about 60 fms. under the soil. We find that the mine has been sunk under the about 30 fms., and the reports are very favourable that there is a decided improve nt in the mine as it goes in depth, there being a good leader of tin in the last leve on on the 10de. We have put in a footway near the engine-shaft, cleared and secure event whim-plats and shafts, which will facilitate the further presecution of the mine calculate the tributers have about 2½ tons of tin to surface.

JOHN EVANS, NICHOLAS DUNSTAS.

LIVERPOOL AND LONDON FIRE AND LIFE INSURANCE COMPANY.
At the ANNUAL MEETING of the proprietors in this company, held on Thursday, the 26th of February, 1883.

And that the aggregate of the annulties now payable is 23,684 1 13

That there has been added to the life reserve the sum of 79,277 11 4

That the balance of undivided profit was increased by the sum of 25,725 9 7

That the invested funds of the company amounted to 1,417,808 8 4

In reference to the very large increase of 276,000 in the fire premiums of the year, it was remarked in the report, "The premiums paid to a company are the measure of that company's business of all kinds, and whence derived; the directors, therefore, prefer that test of progress to any the duty collected may afford, as that applies to only a part of a company's business, and a large share of that part may be, and often is, re-insured with other offices. In this view the yearly addition to the fire premiums of the Liverpool and London Company must be very gratifying to the proprietors.

SWINTON BOULT, Secretary to the Company JOHN ATKINS, Resident Secretary, London'

M.R. GEORGE HENWOOD, MINING ENCLUSED.

MR. GEORGE HENWOOD, MINING ENGINEER,
VICES and ADVICE on minus situated in any part of England, Scotland, Wales, Iraland, Isle of Man, &c. Mr. Henwood's extensive experience in his peculiar department
of mining science is well known, and will be exerted to the utmost for the benealt will

TO CAPITALISTS.—Messes. LEICESTER AND CO.,
INSPECTORS and VALUERS of MINES, &c., MELBOURNE, VICTORIA.
6FFER THEHE SERVICES to SELECT and INVEST CAPITAL IN MINING PROPERTIES, for which they change 2½ per cent.; and they also COLLECT and TRANS.
MIT the DIVIDENDS, charging 25 per cent. on their amount. Messrs. Laicester and
Co. earnestly call the attention of capitalists to the many opportunities they possess of
investing, to pay from £50 to £150 per cent. per annum. Sums under £50 will be
charged extra. All remittances must be made through our agent, Mr. Richard MinDietrox. Mining Journal office, 28, Fieet-street, London; or direct through our bankers,
he Union Bank of Australia.

In the Court of the Vice-Warden of the Stannaries.

Stanmaries of Cornwall.

In the MATTER of the COMPANIES ACT, 1862, and of the GREAT NORTH. TOLGUS MINING COMPANY (LIMITED).—Notice is hereby given, that a PETITION for the WINDING-UP of the ABOVE-NAMED COMPANY by the Court was, on the 9th day of September Instant, presented to the Vice-Warden of the Stannaries by George Williams and Thomsanien Marton, creditors of the said company, and that the said petition is directed to be heard before the Vice-Warden, at the office of Winsiow Joses. Eq., solicitor, Cathedral-yard, Exeter, on Thursday, the 24th day of Sept. inst., at Half-past Two of the clock in the afternoon. Any contributory or creditor of the company may appear at the hearing and oppose the same, provided he has given at least two clear days' notice to the petitioners, their solicitors, or agents, of his intention to do so, such notice to be forthwith forwarded to P. P. Smith, Esq., secretary of the Vice-Warden, Truro.

Every such contributory or creditor is entitled to a copy of the petition and affidavits verifying the same, from the petitioners or their solicitors, within 24 hours after requiring the same, on payment of the regulated charge per folio.

Affidavita intended to be used at the hearing, in opposition to the petition, must be filed at the Registrar's Office, Turo, on or before Tuesday, the 22d day of Sept. inst., and notice thereof must at the same time be given to the petitioners, their solicitors, or agents.

(Solicitors for the Petitioners).
GREGORY AND CO., 1, Bedford-row
(Agents of the said Solicitors). Dated Truro, September 11, 1863.

RHONDDA VALLEY, GLAMORGANSHIRE

H. W. HARRIS WILL SELL, BY AUCTION, New Inn, Pont-y-Pridd, on Monday, the 28th day of September, at Three o'c in the afternoon, subject to such conditions of sale as shall be then produced, all colliery known as the BWLLFA COLLIERY, situate at YSTRADYFODWG, in RHONDDA VALLEY, GLAMORGANSHIRE.

contert known as the BWLLFA COLLIERY, situate at YSTRADYFODWG, in the HONDDA VALLEY, GLAMORGANSHIRE.

This colliery is near to the Church station on the Rhondda Fawr branch of the Tafl Vale Railway, is distant from the shipping port of Cardiff 20 miles, and is in direct communication with the narrow gauge system of the West Midland and other railways.

The coal field has an accreage of 452 acres, or theresbouts, and is held under a favourable lease from the Countess of Dunraven, for a term, of which 59 years are unexpired, at a dead rent of £450 and arc there are unexpired, at a dead rent of £450, and at the following royalties:—Nos. 1 and 2, Rhondda vein, 6d, per ton (2520 lbs.); No. 3, ditto, 8d, per ton (2520 lbs.). The vein of coal is now worked by a level opened upon the property, has thickness of coal of 3 ft., is of first-rate quality, is worked at a moderate expense, and lies at an inclination of about 1½ inch in the yard.

There are blackamists' shop, weigh-house, machine, screen, good siding accommodation, and everything necessary for the working of the colliery.

The whole is now in excellent condition for working, and sending away a regular daily output of 100 tons, which as the colliery becomes more developed will be considerably increased.

hally ontput of 100 tons, which as the colliery becomes more developed will be considerably increased.

The horses, trams, and plant of the colliery, according to a list produced at the auction, are to be taken by the purchaser at a valuation.
The colliery is connected with the Taff Vale Railway by an incline or tramroad, and idings, which have been lately constructed at a great expense by the proprietors of the colliery, and will be sold therewith. The incline or tramroad is held for the residue of a term, of which 59 years are unexpired, at a dead ront of £100 per annum, and a way leave of 1d. per ton of 3529 lbs. of all coal and other articles conveyed thereon.

Arrangements may be made for a portion of the purchase money remaining on mortgage to an approved purchaser.
For further particulars, apply to Thomas Carr, Esq., on the premises, Ystrad, Rigonda: to the auctioneer, 140, High-atreet, Merthyr; or to H. J. HOLLIER, Esq., solicion, Old Town Hall, Aberdare.—Auctioneer's Office, September 1, 1863.

TO CAPITALISTS.

MR. CHARLES BROUGH WILL SELL, BY AUCTION, at the Queen's Head Hotel, Pilgrim-street, Newcastle-upon-Tyne, on Tuesday, the 29th September, at One for Two o'clock precisely, ONE SEVENTH SHARE of the SEATON DELAVAL COLLIERY, in the county of NORTHUMBERLAND.

This colliery is situated in the very centre of the great steam coal field of Northumberland, over miles from the Northumberland Dock, on the River Tyne, and about two miles from the port of Biyth, with both of which shipping places it is connected by railway. The celebrated steam coal, known as "Hasting's Hartley," is the produce of Seaton Delaval Colliery, and the present vend is about 0,000 chaldrons per annum. Further particulars may be obtained of Mr. T. G. Hurst, Backworth Colliery, Newcastle-upon-Tyne.

BACKWELL PARK FARM, BACKWELL, SOMERSETSHIRE. / VALUABLE FREEHOLD ESTATE, with the rich seams of COAL, IRONSTONE, and OTHER MINERALS under it.

MESSRS. FARGUS WILL SELL BY AUCTION, at their sale rooms, No. 4, Clare-street, Bristol, on Thursday, October 8, 1863, at One for Two o'clock precisely (in One or Four Lots, as may be agreed upon), all that most DESIRABLE and COMPACT FREEHOLD ESTATE, called BACKWELL, PARK FARM, situate a BACKWELL, in the county of SOMERSET, about seven miles from Bristol, com-

as BACKWELL, in the county of SOMERSET, about seven miles from Bristol, comprising:—
A substantial FARM-HOUSE, with barns, barton, stabling, and other agricultural buildings; and 128a. 2 a. 1 r. of fine PASTURE and ARABLE LAND, now in the occupation of Mr. William White, whose tenancy will expire at Michaelmas, 1863; together, also, with the valuable beds of COAL, IRONSTONE, and OTHER MINE-RALS which lie under the estate and under that part of the Bristol and Excete Railway by which the property is intersected.

This capital estate, the greater part of which consists of fine old meadow land, is situated in a ring fence, except where intersected by the railway; it is bounded on one side by the road leading from Backwell to Nalisea and Cleveland; the house and about 168 acres lie on the north side of the railway, and about 20 acres on the south side. The whole is freehold, with the exception of a very small strip, on the west side of the farm, containing 37 perches, which is held on lease for lives.

The land tax on the estate is £10 2s. 8d, per annum, and the tithe rent charge 10s. per annum.

er annum.

Farticulars and plans of the estate are in preparation, and may shortly be had a fessers. CLATTON, COOKSON, and WAIRWRIGHT, solicitors, 6, New-square, Lincoln and Condon; or of Messes. FARGUS, 4, Clare-street, Bristol.

VALENCIA SLATE SLAB QUARRIES, COUNTY KERRY, IRELAND. VALENCIA SLATE SLAB QUARRIES, COUNTY KERRY, IRELAND.

MESSRS. FULLER AND HORSEY are instructed to SELL,
BY AUCTION, at the Auction Mart, London, on Wednesday, October 28, at
Twelve, in One Lot (unless an acceptable offer be previously made by private contract),
the EXTENSIVE QUARRIES and MILLS of the VALENCIA SLATE SLAB
COMPANY, situate in the island of Valencia, County Kerry, Ireland. The works have
been carried on by the present company for about 14 years, and a very large outlay has
been made in opening the quarries, and in erecting the mills and the requisite machinery.
The quarries are situate on the side of a mountain, about 420 ft. above the sea level,
and an opening has been made for working about 120 ft. wide, running into the mountain to about the same depth, uncovering a succession of platforms of slates of various
widths. The slate rock lies most conveniently for working, at an angle of about 320
and has a regular cleavage. The slabs are severed by wedges instead of by blasting,
thus avoiding the large amount of waste occasioned by the latter process. The roof of
the quarry is self-austained, and is perfectly secure.

widths. The slate rock lies most conveniently for working, at an angle of about 35°, and has a regular cleavage. The slabs are severed by wedges instead of by blasting, thus avoiding the large amount of waste occasioned by the latter process. The roof of the quarry is self-sustained, and is perfectly accure.

The quality of the slabs is now well known and appreciated, and are taken in large quantities by the principal merchants in London and elsewhere. They take a beautiful and permanent polish, are particularly valuable for enamelling, and unaffected injuriously by furnace heat, and are raised in larger sizes than from any other quarry. The waste from the slab blocks is made into roofing slates, for which there is ample local demand. The present yield is about 2000 tons of slate slabs annually, but by a comparatively small outlay in an extension of the workings this quantity may be doubled, the machinery at the mills being equal to prepare that quantity, and the demand at the present time being in excess of the capabilities of supply.

The mills are situate about 2½ miles from the quarries, are connected by a good road of easy descent, which is kept in repair principally at the expense of the county; but every facility would be afforded by the Knight of Kerry, who is the freeholder, for laying down a tramway by the side of the present road, which would much lessen the cost transit. The mills are most advantageously placed, being immediately contiguous to the pier, at which vessels of 300 tons burden can load alongaide, and there are no juic dues nor wharfage payable. The harbour of Valencia is both safe and commodious, and freights to London are about the same as from the North Wales ports.

The buildings are well arranged, and substantially erected. They are fitted with sawing and planiag machinery of the best description, fitted by Blyth, of Limenbouse; and they are also 10 dwelling houses, manager's residence, and about 35 acres of farm land.

There as plentiful supply of water for the purposes of the mills

PETER TAVY, DEVON.

PRIER TAYY, DEVON.

TOR SALE, BY PRIVATE CONTRACT, all that well-watered and DESIRABLE ESTATE, called BEARAWALLS, containing 117 acres, of thereabouts, of MEADOW, PASTURE, ARABLE, and other LAND, with DWELLING HOUSE and ample and commodious PARM BUILDINGS thereon, situate near LYD FORD, and in the parish of PETER TAYY, in the county of DEVON, and being about seven miles from Taylestok, eight miles from Okehampton, and adjacent to the excellent tumpike-road between those towns.

The district is a good mineral one, and the estate being contiguous to the celebrated wheal Priendship and other mines, and known to contain metallic lodes of considerably promise, and having great water advantages, is worthy of the attention of mining adventurers.

enturers.

The railway from Tavistock to Launceston, now being rapidly proceede are a station at Lydford. Mr. James Stephens, of Lydford, will show the Apply to Messrs. Paull and Linton, solicitors, Plymouth and Redruth.

TO BE LET, and entered upon at Michaelmas next, the PREMISES at RHYD-Y-MWYN, near MOLD, FLINTSHIRE, at present accounted by Messrs. Taylor and Co., as an IRON FOUNDRY. These premises are dedurably situated, about three miles from Mold, on the River Alyn, in the very heart the Mold mining district, and possessing an extensive water-power, well calculated for being used as a foundry, as at present, or for the establishment of a manufactory for the distribution of the rolling ators.

being used as a nountry, as as passessy wagons and other rolling stock.

The Mold and Denbigh Railway, for which an Act of Parliament has already been obtained, will pass within a few yards of the works. The water-wheels at present of the works can be had at a valuation.

Mr. Bowpaoa, Tyddyn-y-Gwynt, near Mold, will show the premises; and further particulars may be had on applying to Mr. G. M. Dixon, Bucknowle House, Wareham Dorset.—Bucknowle House, August 29, 1863.

COUNTY OF LANARK.
UPSET PRICE REDUCED TO £25,000.

THE DUNDYVAN IRONWORKS, AND OTHER PROPERTIES, SITUATED NEAR COATBRIDGE, FOR SALE.—There will be exposed to SALE, within the Faculty Hall, Glasgow, on Wednesday, the 30th day of September, 1863, at Two o'clock afternoon (unless previously disposed of by private bargain), the DUNDYVAN FIG and BAR IRONWORKS, comprising—

1.—The FIG IRONWORKS, consisting of EIGHT BLAST FURNACES, with all the usual working conveniences, counting-bosse, warehouse, stables, &c.

2.—The BAR IRONWORKS, consisting of FORTY-FOUR PUDDLING FURNACES, with all the usual working conveniences, capable of turning ont 350 tons of disabled iron weekly, consisting of Flags, a Tile, and bare in great variety.

NACES, with all the usual working conveniences, capable of turning out 350 tons of finished iron weekly, consisting of plates, rails, and bars in great variety.

3.—ONE HUNDRED AND FIFTY-FOUR WORKMEN'S DWELLINGS, known by the names of "Long Row," "English Square," and "Stone Row,"

4.—The LANDS of DYKE, with the FARM BUILDINGS, STEAM ENGINE, THRASHING MILL, RAILWAY, &c., thereon.

The above subjects extend to above 35 acres imperial, and the minerals therein will be included, in so far as belonging to the exposers, with the machinery, fittings, and fixed plant at Dundywan Pit.

5.—The MINERALS HELD IN LEASE, consisting of DRUMFELLER, SOUTER-HOUSE, and DALZIEL COAL, and WHIFFLAT and HOLEHILL IRONSTONE, with the whole MACHINERY, FITTINGS, RAILWAYS, and FIXED PLANT of overy kind attached thereto.

with the whole MACHINERY, FITTINGS, RAILWAYS, and FIXED PLANT overy kind attached thereto.

The purchaser will be entitled to a lease, on favourable terms, of the valuable is tone in the estate of Arden, extending to 1100 acres, or thereby, and to the option taking at a valuation the moveable stock and utensils connected with the mines fromworks; and also the farm leases of Whiffat and Souterhouse farms, including plements and utensils, all as per inventories.

For further particulars, apply to Messrs. AITKEN and MACKENSIE, accountants, Grow; Messrs. MACKENSIE and MOOKLEFF, PATERSON, FORES, and B. WHITEN, GRASSOW; CHARLES, CHARLES, AND REST. MONTHERS, PATERSON, FORES, and B. WHITEN, GRASSOW; or MASSIES, BANDANTENS and KIRKWOOD, Writers there, the b. whom will exhibit the titles and articles of roup.

MESSRS. W. DERRY AND CO., MINING MATERIAL MERCHANTS, ST. AUSTELL, respectfully inform the mining public that they have constantly ON SALE EVERY DESCRIPTION of MINING PLANT, in STEAM ENGINES, pitwork, and dressing appliances, which they are prepared to ofter on very advantageous terms, and such as will especially commend themselves to the projectors of new undertakings.—Applications to be addressed as above, or to the engineer of the company, Mr. W. H. Ghar, St. Austell.

Dated St. Austell, August 12, 1863.

WILLIAM MATHEWS, ENGINEER, TAVISTOCK, has FOR SALE:—ONE 30 in. CORNISH FUMPING ENGINE, with BOILER 9 tons; ONE 14 in. HORIZONTAL WHIM ENGINE and cage, with BOILER 4½ tons; TWO 10 horse FORTABLE ENGINES, for winding or pumping; ONE CORNISH CRUSHER; ONE 30 ft. diameter WATER WHEEL, 9 ft. breast, iron axie, sockets and rings; 60 fms. of 3 in. flat-rods, with pulleys.

ANTHRACITE COLLIERY FOR SALE.—TO BE SOLD, BY FRIVATE CONTRACT, a VALUABLE ANTHRACITE COLLIERY in SOUTH WALES, with the private railway, wharf, and offices thereto belonging, now he property of the Rhoe Coiliery Company (Limited). The colliery is capable of railing rom 100 to 150 tons a day, and has a branch railway connecting the pit with the Lianelly tailway, and has a wharf and offices at Lianelly. For further particulars, apply to John Saver, Esq., 1, New-square, Lincoln's Inn, London, W.C.

THE LOWER RESOLVEN COLLIERY TO BE DISPOSED HE LOWER RESOLVEN COLLIERY TO BE DISPOSED

OF, BY PRIVATE CONTRACT.—The colliery (belonging to Mesers. Thomas)
djoins the Vale of Neath Railway, near the Resolven station, and is within 13½ miles
of the port of Swansea. The property leased comprises an area of about 605 acres, for
long term of years, on reasonable terms, containing the seams of coal of the district,
and is opened by a drift on the Resolven vein, so well known on the Government list as
intra-class steam coal. It is also well suited for locomotive purposes. Purchase money,
aclading plant, moderate.—Further particulars, with full information, may be obtained
from Mr. T. Macdoudall Smith, 1, Chapel-place, Duke-street, Westminster.

FOR SALE, BY PRIVATE CONTRACT, the CWM BACH COLLIERY, situated about two miles from the town of Swansea, in the county of Glamorgan, and within 70 yards of the South Wates Railway, having the Six-foot and Three-foot Seams of High BITUMINOUS COAL, now open and in good working order, with engine, boiler, pumping and winding gear, complete, now working on both seams, and open for inspection on application to the proprietor, or to the manager on the works. For further particulars apply to the proprietor, Mr. Daniel Jones, No. 48, Strand, Swansea.

VALUABLE IRON ORES ON LOCHFYNE TO LET.—
HEMATITE and SPATHOSE or STEEL ORE, in monster veins, 20, 30, and
5 feet in width, and 1½ mile in length. Laid open by a mountain torrent. Only
00 yards from the shore for shipping; freight to Glasgow, 28, 34, a ton. Surveys,
clans, and reports, by Capt. Vivian, give proof of the richness and very great extant of
these ores. An incline rail would enable the cres to be put on board for is. 5d. a ton.—
Luply to the proprietor, W. FORLOWS, Euq., of Erins, Lochfyns, Argyleshire.
F.S.—These mines were let, but the lessee was unable to work them, from a loss he
unstained.

RON ORE ROYALTY TO LET.—About 52 acres, near the Brigham railway station, near COCKERMOUTH, CUMBERLAND, the property the Rev. John Duffon, M.A.—For particulars, apply to Mr. Dickinson, Shannon louse, Workington; or to Mr. Dickinson, Ullock Mains, Cockermouth. Mr. John Hompson, tanant on the farm, will show the extent.—Sept. 10, 1863.

TO CAPITALISTS.—TO BE LET, about two miles from Wrexbam, Denbighahire, the SEAMS of COAL in and UNDER about TWO HUNDRED ACRES of LAND, lying together between WREXHAM and RUABON, through which the Great Western Railway runs partly on the level, and which also abute on the turnpike-road. Both the Wrexbam and Ruabon seams of coal will be found under these lands.—Apply to Mr. WYATT, Bryntirion Hall, near Wrexbam; or to Mr. Lowe, C.E., Loft Wen, Wrexham.

FOR SALE, at a moderate price, a PERPENDICULAR ENGINE, 40 in. cylinder, 8 ft. stroke, now in working order.—Apply to Mr. E. M. Jones, andablipping, near Haverfordwest.

OR SALE, 19½ in. FORCING PUMP, 14 in. LIFTING PUMP, HAND PUMPS, pumping crank, lifting screw, pit chain, and other col-material.—Apply to Mr. John Farler, Nallsea, near Bristol.

FOR SALE, TWO NEW FIRST-CLASS CORNISH BOILERS, weighing, exclusive of mountings and fittings, 6 tons each. Dimensions, 20 ft. long, 5 ft. 6 in. diameter, with fine 3 ft. diameter. Made by Hortons, of Smethwick and stranged for working together or separately. Each boiler is provided with the necessary furnace mountings, also fittings, as follows:—1 stop steam valve, 1 stop feed valve, 2 safety valves, 2 gauge cocks, 2 soot doors and frames, blow-off cock, float gauge, and damper and frame.—May be seen on application to Mr. MILLER, No. 6, Bridge-road, Lambeth.

CORNISH CRUCIBLE AND BLACK-LEAD POT MAKER.
JOHN JULEFF, FORE STREET, and PEDN-AN-DREA, REDRUTH.

DINAS FIRE-BRICKS,-Messrs, FREDERICKS AND JENNER beg to offer these well-known bricks, either at their Dinns Bridge or Kidwelly Works, and can safely recommend them a: EQUAL, if not SUPERIOR, to ANY FIRE-BulckS MANUFACTURED, having the highest testimonials from the largest copper smalters and consumers in the work;—Fall particulars, with testimonials, prices, &c., can be had on application to their agent, Mr. George Young, Briton Ferry, South Wales; the Dinns Bridge Brick Works, Glyn Neath; Kidwelly Brick Works, Kidwelly; or Messrs. Eastwood, Belvidere-road, London.

HUNTER'S PATENT SLATE SAWING AND PLANING
MACHINE COMBINED.
Saws both sides of a side at the same time.

HUNTER'S PATENT SLATE BLOCK SAWING MACHINE.

Cuts blocks to any thickness, hard or soft, and any number of cuts at the same time. HUNTER'S PATENT CIRCULAR AND RECTILINEAR PLANING MACHINE COMBINED.

HUNTER'S PATENT RIDGE STONE CUTTING MACHINE.

Cuts upwards of 100 feet run per day from solid rock.

MUNROE and Co., Arbroath Foundry, Makers.

For particulars, apply to GEO. HUNTER, Coleford, Gloucester.

HALL AND WELLS, PATENTEES AND MANUFACTURERS OF SUBMARINE TELEGRAPH CORES, CABLES, &c.—TELEGRAPH CONDUCTORS INSULATED with INDIA RUBBER at £5 per mile and upwards, PARTICULARLY ADAPTED for MINING PURPOSES. Further particulars as to price of cores, cables, &c., can be had on application at 60, Aldermanbury, City, E.C.; and Steam Mills, Mansfield-street, Borough-road, Southwark, S.E., Copper wire covered with slik, cotton, or any other material, to order.

C H A R L E S D A V E Y A N D C
SAFETY FUSE MANUFACTURERS,
ST. HELEN'S JUNCTION, LANCASHIRE.

TO INVENTORS.—All INTENDING PATENTEES should PROCURE the PRINTED INFORMATION regarding PATENTS, their COST and the MODE of PROCEDURE to be adopted, ISSUED GRATIS by the GENERAL PATENT COMPANY (LIMITED), 71, FLEET STREET, LONDON.

R. MARSDEN LATHAM, Sec.

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Containing ACIDS, ALKALIES, and SALTS, their manufacture and applications.

This volume contains the important articles on Soap and Grease.

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GANOT: TREATISE ON PHYSICS, EXPERIMENTAL
AND APPLIED.
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896 Wh. Margaret (tin), Uny Lel. [8, E.]. 9 17 4 98 30 78 50. 1 00 Way 198
100 Wheat Mary (till), Leiant
395 Wheal Seton (tin, copper), Camborne . 58 10 0 22214 215 220 156 15 0 3 0 0—Ang. 186
2044 Wheat Tremayne (lin), Gwinear 6 11 3 — 0 10 0 0 10 0—Ang. 186
1000 Hickory (copper) [15.], Hickory 2 10 0 1 0 0 1 6 0 1 6 0 Aug. 186
[* Dividends paid every two months. † Dividends paid every three months.]

MINES WITH DIVIDENDS IN AREVANCE

	BILLED MILE DIAIDE	IA AI GUN	BEIANCE.
1000	Alderley Edge (Cheshire) [L.] 10 0 0		. 7 18 6 0 10 0-May, 1863
256	Condurrow (cop.,tin), Camborne 35 0 0	110 100 110	. 85 0 0 2 0 0-June, 1857
20000	Chiverton (lead), Perrangabuloe	1000 · ·	
2450	Cook's Kitchen (copper), Illogan 17 15 9	2414 2514	
512	Creegbrawse and Penkevil, St. Colomb		. 0 10 0 0 10 0-Jan. 1862
4076	Devon and Cornwall (copper) 5 16 3		
3000	Dyfngwm (lead), Wales 12 6 6		. 0 17 6 0 2 6-Jan. 1863
940	Fowey Consols (copper), Tywardreath 4 0 0	:	
8000	Frank Mills (lead), Devon 3 18 6		. 0 16 0 0 2 0-Mar. 1862
6000	Great South Tolgus [S.E.], Redruth 0 14 6	494 494 484	7 18 6 0 5 0-Dec. 1861
10240	Gunnis Lake (Clitters' Adit) 0 2 0		. 0 3 0., 0 1 6-Mar. 1862
8000	Kelly Bray (lead, copper), Callington . 4 15 6	:	. 0 60 0 20—Feb. 1860
160	Levant (copper, tin), St. Just 2 10 0		1091 0 0 5 0 0-May, 1860
640	Mount Pleasant (lead), Mold 4 0 0		. 18 18 1 0 7 6-Aug. 1862
6000	New Birch Tor and Vitifer Cons. (tin). 1 6 6		. 0 36 0 10-Sept. 1861
470	Newtownards Mining Co., Co. Down 50 0 0	- ::	
1024	South Woodley 0 5 6		
9600	Tamar Con. (silid.), Beeralston[S.E.] 4 10 0		. 5 60 0 26-Jan. 1861
572	Trelyon Consols (tin), St. Ives 19 10 0		
1024	Wendron Consols (tin), Wendron 13 13 10.		8 15 0 1 0 0-Jan. 1861
60	West Burton Gill (lead), Yorkshire 50 0 0	0 10 4	. 14 10 0 3 0 0-June, 1861
956	Wheal Buller (cop.), Redruth [S.E.] 5 0 0		999 00 9 00 Mar. 1861
1024	West Caradon (cop.), Liskeard [S.E.] . 5 0 0	22 21 22	. 929 0 0 2 0 0-Mar. 1861 . 101 1 3 0 10 0-Oct. 1862
8000	West Chiverton, (lead), Perranzabuloe	90 991/	
128	Wheal Friendship (copper), Devon 50 0 0		
1024	Wheal Hearle (tin), St. Just 10 18 8		.2400 10 0 5 0 0—Feb. 1861
512	Wheal Jane (silver-lead), Kea 3 10 0		. 0 50 0 50-May, 1862
1024	Wheal Kitty (tin), Uny Lelant [S.E.] 2 06		13 10 0 1 0 0-Mar. 1862
4295	Wheal Kitty (tin), St. Agnes 5 4 6	69/ 61/ 69/	
4800	Wh. Ludcott and Wrey (lead), St. Ive. 2 10 8		0 18 6 0 2 0-July, 1860
-000	" m andoor and " ref (lend), 51. 1ve. 2 10 6.	3% 2% 3% .	. 8 4 6 0 2 6-April, 1863

FOREIGN MINES.

			_		88		310	0	0	5 0	0-June,	1863
6000	Central American (silver) [L.] 5	0 0	-				-				6-Oct.	1862
12000		0 0	31		28 30						0-Jan.	1862
		0 0	_		8 10						0-Nov.	
15000	East Indian Coal, Calcutta [L.] 10	0 0	-		0				oer ce		- Yes	
70000		0 0				••	•				6-Feb.	
95000	Fortuna (lead), Spain [L.] [S.E.] 2	0 0		••		**						
95000	Gen. Mining Assoc., Nova Scotia[8.E.]20		_	••							4-Mar.	
	Kapunda Mining Co., Australia [8.E.] 1	0 0	_				10	10	0	0 10	0-June,	1868
15000	Linares (id.), Pozo Ancho, Spain [S.E.] 3	0 0	_			**	0				0-June,	
10000	Linkres (Id.), Fozo Ancho, Spain [S.E.] a	0 0	-			**	9		2		0-June,	
10000	Lusitanian (of Portugal) [S.E.] 2	0 0	-				0	19	9	0 1	0—Feb.	1862
103810	Mariquita and New Granada [S.E.] 1	0 9	-				0	9	6	0 1	6-July,	1859
	Port Phillip (gold), Clunes [8.E.] 1	0 0	15	6	134 136		0	9	6	0 1	0-July,	1863
11000	St. John del Rey [L.], Brazil [S.E.]. 15	0 0	57		55 57		58		0	3 10	0-June	1863
43174	Unit. Mexican(sil.), Mexico[S.E.]Av. 28	5 0	-		7% 7%		1				6-May	
20000	West Canada Mining Company [L.] 1	0 0	-								0-May	
45000	Yudana-mutana (cop.), S. A. [L.] [S.E.] 3	0 0	334		234 334						0-Ang	

FOREIGN MINES WITH DIVIDENDS IN ABEYANCE

10000 Altenand Quanangen Uni. (cop.) [L.£5] 4 10 0 — 10000 Gt. Barrier Land, Min., &c., N. Ze. [L.£5] 4 10 0 —	 4 5 0 0 15 0-Nov. 1853
10000 Gt. Barrier Land, Min., &c., N. Ze. [L. £5] 4 10 0	
10000 Pontgiband (sillead), France [S.E.]20 0 0	 15 per cent. —May, 1859 1 0 0., 1 0 0—June, 1855

NON-DIVIDEND FOREIGN MINES.

Santes	NOR-DIVIDEND FOREIGN MINES.	11
20000 Alamilion (lead), Spain] L. £2].	Shares. Mines. Paid. Last Pr. Bue done Last Co.	n 1
20000 Australian (copper), South Australia (S.E.) 7 7 7 6 — 8ept. 1886 20000 Beariz I'n Streaming Company [L. £1] 0 15 0 — May, 1863 25000 Bon Accord, South Australia (copper) [L. £1] [S.E.] 1 0 0 — Fully paid. 1860 Cape Copper Mining Company [L. £1] [S.E.] 0 15 0 — June, 1863 25000 Capula (silver), Mexico [L. £2] [S.E.] 0 15 0 — June, 1863 25000 Capula (silver), Mexico [L. £2] [S.E.] 0 15 0 — June, 1863 25000 Capula (silver), Mexico [L. £2] [S.E.] 0 15 0 — June, 1863 25000 Capula (silver), Mexico [L. £2] [S.E.] 1 1 2 6 — July, 1862 2500 25000 Capula (silver), Mexico [L. £2] [S.E.] 1 0 0 0 — Fully paid. 10000 Coppap Smelting [L.], Call [S.E.] 1 0 1 0 0 — Fully paid. 10000 Coppap Smelting [L.], Call [S.E.] 1 0 0 0 — Fully paid. 10000 Capt deat Kongsberg Nature Street [L. £3] 1 0 0 — Sept. 1861 25000 East deal Rey (gold), Brazil [L. £3] [S.E.] 1 0 0 — Fully paid. 10000 Capt Company, Bohenis [L.] 1 0 0 — Fully paid. 10000 Capt Company, Bohenis [L.] 1 0 0 — Fully paid. 10000 Capt Company, Bohenis [L.] 1 0 0 — Fully paid. 10000 Capt Company, Bohenis [L.] 1 0 0 — Fully paid. 10000 Capt Company, Bohenis [L.] 1 0 0 — Fully paid. 10000 Capt Company, Bohenis [L.] 1 0 0 — Fully paid. 10000 Capt Company, Bohenis [L.] 1 0 0 — Fully paid. 10000 Capt Company, Bohenis [L.] 1 0 0 — Fully paid. 10000 Capt Company, Copper), West Australia [L. £2] [S.E.] 1 1 0 0 — Fully paid. 10000 Capt Company, Copper, Copper Mining Company [L.] 1 0 0 — Fully paid. 10000 Capt Copper Copper, Copper Mining Co. [L.], Jamaica 25 0 0 — Fully paid. 10000 Capt Copper, Mexico Capt Copper Mining Co. [L.], Jamaica 25 0 0 — Fully paid. 10000 Capt Copper Capt Copper Mining Company [L.] 1 0 0 — Fully paid. 10000 Capt Copper Capt Copper Mining Company [L.] 1 0 0 — Fully paid. 10000 Capt Copper Capt Capt Capt Capt Capt Capt Capt Capt	STORE Alemania of the state of	
20000 Bearis Tin Streaming Company [L. £1]		KD 6
18000 Cape Copper Mining Company [L. £1] [S. E.]	20000 Bearis Tin Streaming Company (I. 41)	
18000 Cape Copper Mining Company [L. £10]		
2000 Capula (silver), Mexico [L. £2] [S.E.]		
1000 Central Italian (copper) (700 £2 paid) 0 6 0	95000 Cappile (sliver) Marie IV 2016 2	
10000 Clarendon Consols (copper), Jamaioa [8,E.] 1 2 6	17000 Central Italian (conces) (7000 de	
10000		
25000 Data Montain (copper), New Zealand [Ls] (8.E.] 1 0 0	1 26 July, 18	
25000 Data Montain (copper), New Zealand [Ls] (8.E.] 1 0 0	10000 Copiapo Smelting [L.], Chill	
25000 Data Montain (copper), New Zealand [Ls] (8.E.] 1 0 0	18	62
Sept. 1861 Sep	75000 Dun Mountain (copper), New Zealand [La][S.E.]	a.
20000 East Kongsberg NativeSilver Mining Co. of Norway [L. £5] 7 6	South East del Rey (gold), Brazil [L. £3]	
20000 Eiler Company, Bohenia [L.] 1 0 0	80000 East Kongsberg NativeSilver Mining Co. of Norway [L. £5] 1 7 6 May 18	
Source Section Secti	20000 Elbe Colliery Company, Bohemia [L.]	
August A	30000 Elierslie and Bardowie (copper), Jamaica	50
### ### ### ### ### ### ### ### ### ##	8900 English and Canadian Mining Company [L.]	
Section Company Comp	40000 Fortune (copper), West Australia [L.]	
## 400 Hope Silver-Lead and Copper Mining Co. [L.], Jamaica 25 0 0 — Feb. 1863 10000 Karbitz Collery Company [L.] 1 0 0 — Fully paid. 120000 Karbitz Collery Company [L.] 1 0 0 — Fully paid. 120000 Montes Aureoz (gold), Brazii [L.] 1 1 0 0 — Fully paid. 120000 Montes Aureoz (gold), Brazii [L.] 1 1 0 0 — Fully paid. 120000 Mow Burra Burra (copper), Chaitraila) 5 0 0 — Aug. 1862 60000 New Granda (gold), South America [S.E.] 1 0 0 — Fully paid. 10000 New Granda (gold), South America [S.E.] 1 0 0 — Fully paid. 10000 New Granda (gold), South America [S.E.] 1 0 0 — Fully paid. 10000 North Rhine Copper of South Austrails [L. £1] [S.E.] 0 17 6 — Nov. 1868 12000 Pachuca Silver Mining Company, Maxico [L. £1] 1 0 0 — June, 1863 12000 Pachuca Silver Mining Company, Maxico [L. £1] 1 0 0 — June, 1863 12000 Pachuca Silver Mining Company, Maxico [L. £1] 1 0 0 — June, 1863 12000 Sant Raque (iead), Spain 5 0 0 — Fully paid. 120000 Sant Raque (iead), Spain [L. £1] 5 0 0 — Fully paid. 12000 Couth Europe Mining Company, Fash [L. £1] 5 0 0 — Fully paid. 12000 Couth Europe Mining Company, Spain [L. £3] 5 0 0 — Fully paid. 12000 Couth Europe Mining Company, Spain [L. £3] 5 0 0 — Fully paid. 12000 Couth Europe Mining Company, Spain [L. £3] 5 0 0 — Fully paid. 12000 Couth Europe Mining Company, Spain [L. £3] 5 0 0 — Fully paid. 12000 Couth Europe Mining Company, Spain [L. £3] 5 0 0 — Fully paid. 12000 Couth Survey Co., Bohemia [L. £3] 5 0 0 — Fully paid. 12000 Couth Survey Co., Bohemia [L. £3] 5 0 0 — Fully paid. 12000 Couth Survey Co., Bohemia [L. £3] 5 0 0 — Fully paid. 12000 Couth Survey Co., Bohemia [L. £3] 5 0 0 — Fully paid. 12000 Couth Survey Co., Bohemia [L. £3] 5 0 0 — Fully paid. 12000 Couth Survey Co., Bohemia [L. £3] 5 0 0 — Fully paid. 12000 Couth Survey Co., Bohemia [L. £3] 5 0 0 — Fully paid. 12000 Couth Survey Co., Bohemia [L. £3] 5 0 0 — Fully paid. 12000 Couth Survey Co., Bohemia [L. £3] 5 0 0 — Fully paid. 12000 Couth Survey Co., Bohemia [L. £3] 5 0 0 — Fully paid. 12000 Couth Survey Co., Bohemia [L. £3] 5 0 0 — Fully	BORDU Great Northern (conner), South Australia II. Col IG W 1 100	
10000 Karbita Colliery Company [L.] 1 0 0 Fully paid.	Pab 10	
10000 Ravitz Colliery Company [L.]		
100000 Montes Aureos (gold), Brait [L.] E.] 2 0 0 3 Fully paid.	10000 Karbitz Colliery Company [L.]	
10000 Now Burra Burra (coplet) Chairmis 1		
2000 New Granada (gold), South America [S.E.] 1 0 0	100000 Montes Aureos (gold), Reavil (f. 16g pt 1	
10000 New Grand Duchy of Baden (ailver-lead), near Freiburg		a.
10000 North Rhine Copper of South Australia [L. £1] [S. E.] 0 17 6		62
South Sout		d.
18000 Pachuca Silver Mining Company, Maxico [L. £1] 1 0 0	60000 North Rhine Copper of South Assessed of So	58
17000 Quebrada (copper), Venezuela [L. £1] 1 0 0		13
10000 San Reque (lead), Spain 5 0 0	15000 Pachnes Silver Mining Company Montes I	
Accord Santa Barbara (gold), Brazii [L. £1] 0 10 0	17000 Onebrada (conner), Venerale II. 21]	
120000 Scottish Australian Mining Company [L. £1] 0 15 0	10000 San Bonne (lead) Spain [L. 210]	
15000 South Europe Mining Company, Spain [L. £1] 0 15 0	40000 Santa Parbay (midd) Provided Prov	id.
10000 St. John's United (copper, lead), Newtoundland [L.] 1 0 0	1 10000 Cartish Australian Minima Committee Co	62
1200 Topitz Collery Co., Bohemia [L. £3] 1 0 0 Fully paid. 1200 Topitz Collery Co., Bohemia [L. £3] 3 0 0 June, 1868 1800 Valanzasca (gold), Italy [L. £1] 0 5 0 1½ 1800 Valenzasca (gold), Italy [L. £1] 5 0 0 1801 Valenzasca (gold), Italy [L. £1] 1 0 0 Fully paid. 1800 Vestern Africa Malachitz (copper), Italy [L.] 1 0 0 Fully paid. 1800 Vestern Africa Malachitz (copper), Italy [L.] 1 0 0 Fully paid. 1800 Vestern Africa Malachitz (copper), Italy [L.] 1 0 0 Fully paid. 1800 Vestern Africa Malachitz (copper), Italy [L.] 1 0 0 Fully paid. 1800 Vestern Africa Malachitz (copper), Italy [L.] 1 0 0 1800 Vestern Africa Malachitz (copper), Italy [L.] 1 0 0 1800 Vestern Africa Malachitz (copper), Italy [L.] 1 0 0 1 0 0 1 0 0 Vestern Africa Malachitz (copper), Italy [L.] 1 0 0 Vestern Africa Malachitz (copper), Italy [L.] 1 0 0 Vestern Africa Malachitz (copper), Italy [L.] 1 0 0 Vestern Africa Malachitz (copper), Italy [L.] 1 0 0 Vestern Africa Malachitz (copper), Italy [L.] 1 0 0 Vestern Africa Malachitz (copper), Italy [L.] 1 0 0 Vestern Africa Malachitz (copper), Italy [L.] 1 0 0 Vestern Africa Malachitz (copper), Italy [L.] 1 0 0 Vestern Africa Malachitz (copper), Italy [L.] 1 0 0 Vestern Africa Malachitz (copper), Italy [L.] 1 0 0 Vestern Africa Malachitz (copper), Italy [L.] 1 0 0 Vestern Africa Malachitz (copper), Italy [L.] 1 0 0 Vestern Africa Malachitz (copper), Italy [L.] 1 0 0 Vestern Africa Malachitz (copper), Italy [L.] 1 0 0 Vestern Africa Malachitz (copper), Italy [L.] 1 0 Vestern Africa Ma	15000 South France Mining Company [L. 21] 0 15 0 % % % May, 18	63
12000 Taplitz Colliery Co., Bohemia [L. £3] 1 0 0 Fully paid. 50000 Vallanzasca (gold), Italy [L. £1] 0 5 0 1½	19000 St Table Valled (company, Spain [L. £6]	60
South Sout	Fully pai	
10000 Valianzasca (2010), Italy [L. 21]	17000 Tephta Colliery Co., Bonemia 11, 451	
1000 Vancouver (cont [L. 210]	20000 Vallangasca (gold), Italy Lie 21	
45000 Victor Emanus (copper), Italy [L.]		
12000 Western Arma atmandate copper) [L.]	45000 Victor Emanuel (copper), Italy [L.]	ia.
19000 Worth Fine (copper), South Australia [L.]	1000 Western Airica atmachite (copper) [Ia.]	
	12000 Wheat Etten (cooper), South Australia [L.]	
The state of the s		
	THE RESIDENCE OF THE PROPERTY	, was

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PROG	RESS	IVE	MINES.

		-11011		OHDEITE,	Ĺρ	EFT	. 13,	1000.	
AL-	PROGRESSIVE MINES.	Landania	8har 250	Mines. North Frances (cop.), [S.E.], 1	Paid.	Last P	r. Bus. do	ne. Last	Out.
700 700	Aberdovey (sillead), Merio., 1 10 0	me. Last Call.	1360	North Frances (cop.), [S.E.], 1 N. Grambler (cop.), Redruth N. Gt. Work, Breage [L. £3]	5) —	:	April,	1802
5000 12000 35000	Aberfirwd (lead), Cardigan 0 10 0	Fully paid.	3066		84. 6	d. pd.]	::	July,	1882
.6000	Bagtor (tin) [L. £2] 1 14 0	Mar. 1868	6000	North Kit Hill (tin, copper)	3 1		::	Sept. Fully	100
VORE	Balleswidden (tin), St. Just 14 B 7	Mar. 1863 Mar. 1863	20000	N. Levant (tin, cop.), St. Just ' N. Minera (ld.) [15000 £1 nd. 500	13 (0.,		Sept.	1868
4000	Bampfylde (copper), Devon. 1 0 0 — Bedford Consols (copper) 2 6 0 —	Aug. 1860 Feb. 1863	4000	North Fhanix (copper)	18	6		May,	1832 1862
400	Bedford Consols (copper) 2 6 0 Berehaven (copper), Ireland. 1 0 0 Billins [L. £30] [200 £20 pd., 200 £30 pd.]	July, 1863	10724	No. Pool (tin & cop.), Illogan . N. Roskear(cop.), Camborne . 2 North Rosewarne (copper)	1 0 1	0 -		Sept.	1863
160	Bosorne & Rollowall St. Just & 5.0	Sopt. 1862 Dec. 1860	2000	N. Shepherds (silid.), Newlyn N. Wh. Basset (cop.,tin)[S.E.]	0 10	0		July,	1862
12000	Bottie Hill (tin) Plympton 1 7 0 Brea Con. (tin), 8t. Ives [L. 20 1 1 1 0 6 British (tin & cop.), [L. £1 10 a.] 0 12 0 Brook wood (cop.) Ashburton 1 12 6 Brynambor (id.), Cardi, [L.£8] 2 3 0	April, 1863 Mar. 1863	1024	North Wheal Busy (cop., &c.) 1 North Wheal Crofty [S.E.]. North Wh. Ludcott (St. Ive).	7	5		July,	1863 1863
4000	British (tin & cop.),[L. £1 10s.] 0 12 0 — Brookwood (cop.) Ashburton 1 12 6 —	No call.	4800	North Wh. Ludcott (St. Ive) N. Wh. Robert, Samp. Spiney	1 0	0	316 316	Dec.	1863
200	Brymord Hall (lead), Filmt., 20 UU.,	Nov. 1862 April, 1862	4108	North Wheal Trelawny (lead)	3 II I	5 15s. 6 — 0 —	**	Jan.	1843 1843
500 1861	Bryn Gwiog (lead), Flint 8 0 0 33 30 33 Bryntail (lead), Llanidloss 7 17 6 —	July, 1863 July, 1863	4096	N. Wrey (1d.), St. Ive [L.£2]. Okel Tor (cop.), Calstock O.Wh. Neptune [6000£2 10s.pd.	6 6 6	S		Jan.	1861
0990	Buller and Basset Unit. (cop.) 4 1 6 — Burra Burra (cop.), Kenwyn. 2 10 0 —	Feb. 1863 April,1862	800	Pant-y-Buasth (Id.) [L. £10].	0	0	••	Nov.	1849 1849
2200	Burren (lead, calamine) [L.£5] 5 0 0 — Calstock Consols (cop.), Calst. 1 17 6 —	June, 1862	8465	Pedn-an-drea United (tin)	16	6	1 1%	June,	1862
915	Calvadnack, Wendron (tin) 28 16 6 84	Aug. 1863 June, 1863	1000	Pengenna (ld.,sil.),St. Kew.	0.1	0 6%	6% 7	July,	1862
4600 75000	Camborne Consols (copper) 18 0 0 — Camborne Vean & Wh. Francis 8 19 4 — 2% 2% Cambrian Consolid.(gd.)[L.£2] 1 0 0 —	June, 1863 Aug. 1862	6000	Penhalls (tin), St. Ann's Penrait (sil. ld.), Merion.[L.]	5 5 4	0=	::	June,	1842 1842
914	Caradon Cons. (cop.), St. Cleer 27 12 0 13	Sept. 1863	400	Pentre Lygan (lead), [L. £30] 20 Phonix (copper and tin) Polhigey Moor(tin), Wendron	-01		**	Mar.	X
6000	Caradon United (conner) 0 10 0	Jaly, 1862 Sept. 1862	6400	Prideaux Wood (tin, cop.) ?	14 (::	3	130
10000	Cardigan Consols (lead & cop.)	July, 1862 Fully paid.	1024	Prince of Wales (tin), Calstock (Prosper and Mitchell, Lanivat	-		**		1863
6000	Carn Camborne (copper) 0 16 0 Carnewas (ld., cop.), Mawgan 1 8 0	July, 1863 Nov. 1862	11789	ProsperUni.(tin,cp.),St.Hilary Redmoor(cop.,tin),Callington Rhafna (lead) [L. £1]	11		::	April,	1862
2000	Carn Vivian (tin con lead) 9 16	Nov. 1861 June, 1863	2500	Rhoswydol and Bacheiddon 1:	5 (**	Nov.	1861
20000	Carryorth (tin), St. Just 4 5 0	Fully paid.	3848		8 0	1%	:114 1%	Nov.	1801
2000	Cem Clicen (Id.), Flint [L. 45] 2 3 0	Aug. 1863 July, 1863	700	Roskear (copper), Camborne	0 0	216	2 2%	Sept.	1863
2500	Central Minera (lead) [L.£5] 2 10	June, 1863 Aug. 1863	12500	Roskearnoweth (copper) Scorrier Con.(tin,cp.),St.Agnes Sliver Moun. (lead) [L. £2]	0 0	1	::		1842
4000	Chara Unit., Perranutance 4 1 5. — Clara Unit., Ponterwyd [L. £3] 1 14 6. — Clijah & Wentworth (tin, cp.) 31 5 0 10	April, 1863	15000	Silv. Vein, St. Winnow [L.£1]	17 6	::=	::	July,	1000 1064
3565	Cool Mawr Pool (lead) [L.]. 5 0 0	April, 1863 Bept. 1862	12900	Sortridge Consols [S.E.]	17 0		:	Fully	paid.
50000 10000	Connorrea (cop., sulph.) [L.] 1 0 0 — Cornubia (tin) [7000 £2 paid, 3000 10s. paid]	Fully paid.	100	South Basset (cop.), Gwennap 18 South Bryn Gwiog (lead)	0 0)	78	Feb.	184 190
12000	Crane (copper), Camborne 16 10 0 —	Mar. 1863	6000	So. Buller & W. Penstruthal. (So. Buller (copper), Gwennap S. Caradon Wh. Hooper(cop.)	14 0		::	Aug.	1860 1863
8000	Crookhaven (cop.) [L. £2½]. 1 10 0 — Crowan Cons. (cop.) [L. £2]. 1 10 0 — Crowlwm (lead), Llanidless. 1 10 0 —	Oct. 1861 Aug. 1863	6000	So. Carn Brea (cop.) [S.E.]	18 0		::	June,	1862 1862
2000	Cuddra (cop., tin), St. Austell 3 15 6	No call. June, 1863	9283	S.Condurrow (tin, cp.), Camb. Sou. Crenver (cop.), Crowan. Il South Darren (id.) [L. £314]	14 0	::=	::	May,	1862 1862
1800	Cambrane (lead) [L. £3] 2 10 0 — Dale,N.Staf.[L.][21000 £1 pd.,9000 7s. 6d.pd.]	May, 1863 Sept. 1862	6000	8. Dolcoath & Carnarthen Con. 2	13 0		::	Dec.	1841 1841
2000 12000	Deep Level, Minera [L. £5] 3 5 0	Feb. 1862 Fully paid.	2000	S. Foxdale(1d.) I. of Man [L.£5] I South Gorland (copper) 3 South Grylls (copper) [L.£10] I	15 0		::	Dec.	184
672	Ding Dong (tin), Gulval 40 18 6	Aug. 1862	1024	S. Herodsfoot (lead) Liskeard, 4	10 0		::	Jan. April,	
20000	Dolfrw-y-nog (gold) [L. £1]. 0 10 0 — Durlo (tin), Lelant	Sept. 1862 Oct. 1862	\$325 1004	8. Minera (lead) [L. £5½] 8 8o. Phonix (cop.) Linkin 6 South Tresavean, Gwennap 4		::=	::		1865 1865
5000 1000	Dulta (tin) [L.]	Fully paid.	4096	S. Wh. Betsy, Mary Tayy, Dv. 1	7 9		24 26	April,	1863
4096	East Alfred Consols (copper). 6 13 7	Mar. 1863	1024	So. Wh. Crofty (cop.), Illogan 13 S. Wh. Ellen (cp.), St. Agnes South Wh. Kitty (tin), Leiant	18 2		24 26	Aug.	1861
1000	East Basset and Grylls (tin) 1 0 0 — E. Beam (tin), St. Aus.[L.£2] 1 7 0 — E. Bottle Hill (tin), Plympton 0 2 6 —	Aug. 1863 Mar. 1863	6000	So. Wh. Leisure (tin & cop.). 0 S. Wh. Lovell (tin), Wendron 1	2 0		::	May,	1961
6000 : 4096	E Bottle Hill (tin), Plympton 0 2 6 — East Brookwood (copper) 1 7 0 —	Jan. 1863	400	So, Wh. Seton(cop.), Camborne 41	3 0 12 0		••	Aug.	1863
5000	E. Bronfloyd(sil,-ld,)Card.[L] 2 0 0 — East Cambrian (gold) [L. £1], 0 10 0 —	**	792	Spearne Cons. (tin), St. Just. 6 St. Aubyn and Grylls (cp.,tin) 7 St. Cuthbert Ld. Smelt. [L. £5] 3	14 6			Aug.	1840
6000	East Carn Brea (cop.) Redrath 3 15 0 8 % 7 % 7 %	Feb. 1863	40000	St. David's (gold) [L. £2 10s.] 1 St. Day United (tin), Redrath 2	.0 0			Nov.	1863
	East Chiverton (lead) 1 7 6 5 E.Clogau(gold), Merio.[L.£1] 0 5 0 — East Damsel (cop.), Gwennap 1 11 0 —	May, 1862 Mar. 1862	1024	St. Ives Wheal Allen (tin) 10	10 7			Aug. 1	1663 1663
4000	East Devon Gt. Consols (cop.) 1 9 0	Jan. 1863 April, 1863	6000	St. Ives Wheal Allen (tin) 10 St. Just Untd. (tin) [L. 2½]. 2 St. Just Consols (tin) [L. £1] 0 Stamp Office (lend). Mold 1	10 0			Feb. 1	1.943 1.943
2048 : 6000 :	E Falmonth (a -ld.) Kanwyn 4 5 6	June. 1863	920	Stamp Office (lead), Mold 1 Stray Park (cop., tin) [S.E.]. 32 Tees Side (ld.), Cumb. [L.£1] 6	5 6	39		July, I	1.042
4000 1 6145	E. Grenville (cop.), Camborne 1 15 0 3%3½ 23½ E. Gunnis Lake & S. Bedf. (cp.) 7 3 6 — East Jane (silld.), Cardinham 1 15 6 —	April, 1863 Aug. 1863	8000	Tolcarne (cop.), Camborne . 1 Tolvadden (copper), Marazion 1	0 0	::- :			1841 1863
1024	E. Margaret (tin), Uny Leiant 18 5 0	Jan. 1863 May, 1863	2000	Trefulack Uni.(tin),St.Enoder 3 Treloweth (copper),St.Erth. 6	5 0	:		Sept. 1	1.061
4096 1 8000 1	East Martha [L. £2 10s.] 1 5 0 — E. Providence (tin), Uny Lel. 2 14 4 — E. Rosewarne (ep., tin), Gwin. 2 15 0 214 214 3	June, 1863 Sept. 1862	1024	Trencrom (tin), Uny Lelant. 12 Tresellyn and Scaddick Cons. 1	2 3		••	Oct. I	2961
5610	East Seton (cop.), Camborne 0 8 0 — East Tolgus (copper), Redruth 82 0 0 —	April, 1863 June, 1863	5600 4096	Treweaths (all ald.) Menhen.	12 0	::= :	••	July, 1	1963
1024	E. Treakerby (con.), Redruth. 7 10 0	July, 1863 Mar. 1863	2048	Treworlis (tin), Wendron 4 Trimley Hall [1250 £1 pd., 1250 Trumpet Unit. (tin), Wendron 1	6 1	d. natid		Sept. 1	1863
2000	E. Wheal Agar (cop.), St. Cleer 11 2 0 — E. Wh. Fortune (tin) Sithney 1 0 0 — East Wheal Grylls (tin, cop.) 0 10 0 —	April, 1863	4000	Trumpet Unit. (tin), Wendron 1	9 6			July, 1 Jan. 1 Oct. 1	1863
4000	E. Wh. Russell, Tavis, [S.E.] 8 9 0 43% 35%	Aug. 1863	1024	Tynewydd(silld.),Cardigan. 0	5 0	:=:		Dec. 1	1961
1026	Erwfelin (lead) [L.] 0 10 0 — Furze Hill Wood Cons., Buckl. 1 1 0 — Garden (tin), Morvah 4 17 9 —	June, 1863 May, 1863	20000	Vale of Towy (lead), Carmar. 0 Wentner [L. £2½] (lead) 2 Welsh Gold, Dolgelly [L.] 1	15 6	:=:	••	Jan. 1	1.862
1000	Garridna Untd. (tin), Wendron 14 2 10. 5 Garreg (lead), Flint 5 9 0 —	June, 1863	8000	Welsh Gold, Dolgelly [L.] 1 West Alfred (copper) [L. £3] 1	0 0			Fully p	aid.
6000	Gawton (copper), Tavistock 2 20		20000	West Aifred (copper) [L. £3] 1 West Beam (tin) [L. £1] 0 W. Bryn Gwieg (ld.) [L. £20] 9	0 0	::= :	••	April, 1	843
4892	Gorinan (silld.) [1900 £124,2992 25s.]	Fully paid. Jan. 1863	1218	West Clogau (gold) 1 W.Condurrow(tin,cop.),Cam. 8	13 1	i: = :			aid.
6400	Goonbarrow & Molinnis (tin). 2 0 0 —	Aug. 1863	16	West Denbigh (ld.), Denbigh. 35 West Devon Con. (cop.), [L.] 1	0 0		••	Oct. 1	1840 ald.
486	Gramb, & St. Aub.(cp.) [S.E.] 57 0 0 14 14 15	Sept. 1863	4216 6000	W. Great Work (tin), Germoe 0 W. Grylls (tin), Perranuthnoe 0	15 6	::=:	••	July, 1	.863 .863
4096	Great Caradon (cop.), St. Ive. 2 6 0 24	Sept. 1863	12000 19000	W.Maria & Fortescue, Lamerton 1 West Par Con. (cp.) St. Blazey 2	12 6	=		May. 1	1965 1848
TOOOD I	Gt.Dev.d. Bed. [7200 30s.pd., 2800 50s.pd.] [L.]	Fully paid.	1024	West Penstruthal (tin) 4 W. Rose Down (cop.), Caradon 8 West Sharp Tor(cp.) Rillaton. 152	0 0			April, 1	033
		Sept. 1863 June, 1863	1056	WastStrav Park (cop.), Camb. 9	1 6			Sept. 1	843 840
	Great Tregune Consols (cop.). 0 5 0 — Great Wheal Baddern (tin) 6 16 0 — 3t. Wh. Busy (cop., tin), Ken. 15 14 6 414 334 4	May, 1863	512 5120	West Tolgus (cop.), Redruth. 33 W. Tolyadden (cop.), Marazion 1	10 0	::=	::	Oct. 1	865 865
119	34. Wh. Busy (cop., tin), Ken. 15 14 6 434 334 4 Great Work (tin), Germoe100 0 0 — Grosvenor(ld.)[2500&1pd.,25007a.pd.] —	April, 1863	512	West Trovelyan (tin,,copper) 3 West Wh. Frances (cop.), Illo. 84 West Wheal Jane (tin, &c.) 3	14 1	0	::	Aug. 1	
4910	Grosvenor(ld.)[2800£1pd.,280078.pd.] Gurlyn (cop., tin), St. Erth 2 5 9 Gwydyr Park Con., Llanrwst 0 19 0	May, 1863 Feb. 1863	5000 5000	West Wh. Kitty(tin), St. Agnes 0	5 0		1% 1%	Sept. 1	863
7919	Harwood (ld.),Durham[L.£1] 0 5 6 —	Nov. 1861 Mar. 1863	1024 6000	West Wheal Lovell, Wendron. Wheal Agar (copper), Illogan Wh. Anna (ld., blende), Perranz.	9 6	35/6	3 3%	Mar. 1	001
6000	Hawkmoor (tin,cop.) Calstock 3 2 0 — Hingston Down (cop.), [S.E.] 5 8 6 214 2 214 Holmbush [5000 £5 2s. pd.,5000 15s.pd.]. —	Aug. 1863	5000 5000	Wheal Annie (cop.), Gwinear 1 Wh. Arthur (cop.), Calstock.	13 0			Sept. 1	25
6000	Holingan (tin and copper) 0 10 0 114 1 114 Isle of Man (slate) [L. £2] 1 10 0	Aug. 1863	5990 6000	Tirkent Coredon (conner)	30 0		31/4 34/4	July, 1	200
6000	Keswick (lead), Portinscale . 5 6 6	Mar. 1862	6000 6000	Wheal Cartis (cop.), Crowan . 1 Wheal Crebor (cop.), Tavistock 1 Wheal Crofty (cop.), Illogan . 0	7 0	83s.	31s. 33s.	July, I	
368	Leeds & St. Aubyn (tin, cop). 17 6 4 —	Feb. 1862	512 4096	Wh. Edward (cop.), Caistock. 8	0 0	. 3	••	Jaly, 1	4.
4000	Llangan (ld.), Glamor. [L.£25]15 00 —	July, 1863	4096 4096 4000	Wheal Emily Henrietta (cop.) Wh. Emma(cp) Buckfastleigh Wheal Falmouth & Sperries.	7 6			July,	
2000	Lower Park Denbighshire [L.] 3 9 0	Aug. 1863	2000 6000	Wh.Grenville (copper)[8.E.] 7	15 0 16 0	61		June, I	
6000	Maudlin (copper) 8 17 0 —	Mar. 1863	\$120 6000	Wheal Harriett, Camborne 4 Wheal Hartley (copper) 0	96	25%		May, I	*
4480 1 22000 1	Merilyn (lead), Flint 3 18 0 — Merryfield (lead) [L.] 0 12 0 —	April, 1863 May, 1860	6000 1024	Wh. Harris (ld., cop.), Lifton 0 Wheal Hester (tin), Bodmin	10 6	::= :		. Feb. 1	i
3475	Michell (lead), Flint 0 5 6	April, 1863	2048	Wheal Hope (silld.), Perran 2 Wheal Ida (sillead), St. Ive. 0	2 6	34	.1% 2%	Sept. II	
5000 1024	Molland (cop.), S. Moulton., 2 9 6.,	Nov. 1862 July, 1863	968	Wheal Margery (tin, copper) 19	8 1	0. 4		Sept. 16	3
5000	Nanteos (silld.), Llanbardan — — Nanteos and Penrhiw [L. £4] 3 12 0 —	:	6000 1024	Wh. Mary Hutchings (Plymp.) 0 Wh. Norris (tin, cp.), St. Cleer 2 Wheal Par (tin)	10 0			June, 18	
2400	Nant Minera [L. £20] 4 16 0 — Nant-y-Iago (ld.), Merioneth 8 17 6 —	July, 1863 May, 1863	1024	Wheal Polmear, St. Austell. 3 Wh. Pollard (cop.), St. Neot's 2	13 9 16 0	::= :		April, 18	
6400	Nether Heath (lead), Dufton 0 15 6 — N. Crow Hill (ld.), St. Stephen 2 8 6 11/6	April, 1860 Feb. 1863	970 1024	Wh. Prosper (cp., tin), Breage 12 Wheal Prosper (tin), Lanivet 0	10 0	:=:		.Feb. 18	
400	New E. Wh. Russell, Tavistock 0 6 0 — New Hendra (tin, cop.), Breage 1 10 0 —	Oct. 1862 Aug. 1863	25000	Wh. Prudence St. Ag. [L. £1] 0 Wh. Reeth (tin), Uny Lelant 96	10 0 10 0	= :		May, 18 Sept. 18	
6000	New Pembroke (tin and cop.), 0 6 6 — New S. Caradon (cop.), St. Cleer 0 10 6 —	May, 1863 Dec. 1862	500 1024	Wheal Sarah (tin), Lanivet 1 Wh. Sicily(silld.), Broadcak 4	17 6			July, 16 May, 18	
960	New Treleigh Cons., Redruth 1 18 0 — New Trevenen (tin), Wendron 5 7 0 —	July, 1863	4098 2048	Wheal Sidney(tin), Plympton 4 Wh. Sithney & Carnmeal Uni. 9	13 0	414		Oct. 18	
1024	New Wendron (tin) 7 0 0 8 7 8 New Wh. Grylls (tin and cop.) 2 1 6 —	Jan. 1863	6000 1024	Wheal Sparnon (tin) 0 Wheal St. Andrew (copper). 5	20	:: = :		. Sept. 18	
10000 6000	New Wheal Martha (cop.) [L.] 1 0 0 3 2½ 3 New Wheal Prospidnick 0 7 6 — New Wh. Seton) cop.), Camb. 25 5 0 —	Fully paid. Nov. 1862	512 6000	Wh. Trannack (tin), Sithney 3 Wheal Union (cop.), Redruth 4	4 0		256 276	. April, 18	
2500	N.Wh.Vaddon(tin),Marazion 1 8 0	June, 1863	6000 4096	Wh. Unity(cop.,tin), Gwinear 12 Wh. Unv (tin,cop.), Redruth 9	7 0	16s	14s. 16s.	Aug. 18	
6000	North Buller (cop.), Redruth. 24 12 6 5 4 5 Nor. Clifford (cop.), Gwennap 0 5 0 — North Devon (silid.) [L. £1] 0 12 0 —	Aug. 1863 Nov. 1860	4500	Wheal Vlow (copper) 0	9 0			Mar. 18	
5000	N. Dolcoath (cop.), Camborne 2 18 6 21/2 2 21/2	July, 1863 July, 1863	6400	Wh. Yyyan (cop.), Constantine 7 Wheal Welcome (tin, copper). 1 Whitford (lead), Holywell 10	16 6	:: = :	: :	May, 18	
1000	North Downs (cop.) Redruth 2 8 4 2 1½ 2 North Portescne (copper) 1 14 0 —	Aug. 1863 Oct. 1862	8097	Worvas Downs (tin), Lelant. 7 Yarner (copper), Devon 8	4 0	:=:		Mar. 18	٧
	Those mines with [S.E.] appended have been admitted	on the Stock E	xohang	e. Those mines with [L.] appear	ded 1	ave bee	n incorpora	ated with	
	ACTION V ARREST	annited)		4.				200	

*.º Our object being to make the Share List correct, we carnestly call upon all who have the power, to aid us, by forwarding any alteration tion which may, from time to time, come under their notice. To shareholders, as well as those officially connected with the mines, we information. Reports from mines—in fact, mining intelligence of every description, forwarded to our office, will meet ready attention.

don : Printed by Richard Middleton, and published by Herry English (the proprietors), at their office, No. 26, Flery Syrrey, E.C., where all a munications are requested to be addressed.—September 19, 1868.